

## محضر استلام موقع

مشروع: أعمال الجسر الترابي للخط الاول لمشروع القطار الكهربائي السريع  
(العين السخنة مطروح) قطاع (العلمين فوكة) تشكيل الجسر الترابي  
والحمايات الخرسانية في المسافة من ٤٥٨+٨٠٠ كم الى ٤٦٠+٦٠٠ كم  
بطول ١,٨ كم

تنفيذ: شركة انشاء للمقاولات العامة

إشراف : المنطقة الخامسة – منطقة غرب الدلتا

طبقاً للعقد رقم (٢٠٢٥/٢٠٢٤/٣٣٤) بتاريخ ٢٠٢٤/١٠/٢

انه في يوم الاربعاء الموافق ٢٠٢٤/١٠/٢ اجتمع كل من:-

- ١- السيد المهندس /محمد حسني فياض مدير عام المشروعات
- ٢- السيد المهندس /ابراهيم عبد الله الحناوي مهندس العملية - الهيئة العامة للطرق والكباري
- ٣- السيد المهندس / محمود شعبان احمد مدير المشروع

وذلك للمرور على مسار العملية المذكورة عاليه لاستلام الموقع :-  
وقد تبين أن الموقع خالياً من العوائق الظاهرية ويسمح بالبدء في التنفيذ وبناء عليه يعتبر  
تاريخ ( ٢٠٢٤/١٠/٢ ) هو تاريخ استلام الموقع وبدء الأعمال بالعملية  
واقفل المحضر على ذلك ووقع الحضور

التوقيعات

٣- كورد / محمد حسني فياض

٢- [Signature]

١- [Signature]

رئيس الإدارة المركزية  
منطقة غرب الدلتا  
الاسكندرية - مرمسي  
مطروح  
صيد - مهندس //

"هاني محمد محمود طه"

٢٠٢٤  
١٠/١٠

مشروع القطار السريع (العلمين - طوكية)

شركة انشاء للمقاولات العامة - من المحطة 458+800 الى المحطة 460+600

محضر تحديد مسافة نقل

(نقل الاتربة)

انه في يوم الثلاثاء الموافق :- 2022/5/17

- بناء على طلب المقاول شركة انشاء للمقاولات العامة لتحديد مسافة نقل الاتربة من محجر (المصرية)

على طريق وادي النظرون العلمين للمشروع المذكور اعلاه.

تم زيارة المحجر من قبل:-

- |                                    |                                    |
|------------------------------------|------------------------------------|
| 1- السيد المهندس / ابراهيم الحناوي | ممثل الهيئة العامة للطرق والكباري  |
| 2- السيد المهندس / مصطفى محمود نجم | ممثل الاستشاري مكتب د. سعد الجيوشي |
| 3- السيد المهندس / محمد خليل       | ممثل استشاري المساحة مكتب          |
| 4- السيد المهندس / محمود شعبان     | ممثل شركة انشاء للمقاولات          |

وتبين ان المحجر علي مسافة 195 كم من منتصف قطاع شركة انشاء للمقاولات العام

N 30 ° 33 ' 19.7 " E 29 ° 45 ' 06.7

احد اثي المحجر

N 92 ° 70 ' 06.28 " E 36 ° 37 ' 09.61 "

احد اثي منتصف القطاع

وعلي ذلك تم توقيع،،

4- محمود شعبان أحمد

3- محمد خليل

2- مركز الاستشارات الهندسية  
SGAC  
م. د. سعد الجيوشي  
مشروع القطار السريع

1-

شركة انشاء للمقاولات العامة  
أ. د. سعد الجيوشي  
ب. د. 15/05/2022

المنطقة الخامسة - ( غرب الدلتا )

السيد المهندس / رئيس قطاع التنفيذ والمناطق

تحية طيبة.. وبعد،،

بالإحالة إلى مشروع القطار الكهربائي فائق السرعة قطاع ( العلمين - فوكة )  
نتشرف بأن نرفق لسيادتكم طيه المقاييس المعدلة للقطاع الآتي:

| المسلسل | اسم الشركة             | من المحطة | إلى المحطة |                                                     |
|---------|------------------------|-----------|------------|-----------------------------------------------------|
| ١       | انشاء للمقاولات العامة | ٤٥٨+٨٠٠   | ٤٦٠+٦٠٠    | مرحلة تشكيل الجسر<br>الترابي والحمايات<br>الخرسانية |

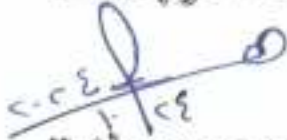
برجاء من سيادتكم التفضل بالأحاطه والتوجيه بالازم

وتفضلوا بقبول فائق الاحترام والتقدير،،

رئيس الإدارة المركزية

المنطقة الخامسة- غرب الدلتا

عميد مهندس/



"هاني محمد محمود طه"



أعمال الجسر الترابي و الخط الأول لمشروع القطار الكهربائي السريع (العين السخنة - العلمين) قطاع (العلمين - فوكا)  
مرحلة تشكيل الجسر الترابي والعمائم الخرسانية  
المقاييس المعمولة ليتواءم الأعمال تنفيذ شركة إنشاء للمقاولات العامة  
القطاع من المحطة 458+800 الي 460+600

| رقم البند | بيان الأصل                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | الكمية | الوحدة | المساحة      | الارتفاع | الاجمالي     |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------------|----------|--------------|
| 1         | أعمال الحفر                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |        |              |          |              |
| 1-1       | بالمتر المكعب اصل حفر باستخدام المعدات الميكانيكية لوسيع اتزان التربة جدا التربة الصخرية و تسوية السطح بالأت الترسية والرش بالمياه الاصطناعية للوصول الى نسبة الرطوبة المطلوبة (95% من الكثافة الجافة القصوى) والتمك الجيد بالهراسات للوصول الى أقصى كثافة جافة (95% من الكثافة الجافة القصوى) ومعمل على اليد تعمل ونقل التربة الزائدة لمسافة 500 متر من محور الطريق ويتم التثبيت طبقا للمناسيب والتصميمية والقطاعات العرضية التوضيحية والرسومات التفصيلية المعتمدة والبناء بجميع مشكلاته طبقا لاصول الصناعة ومواصفات الهيئة العامة للطرق والكباري وتعليمات المهندس المشرف.... في حالة زيادة مسافة نقل نتج الحفر عن 500متر يتم احتساب 1.25 جنيه لكل متر الزيادة                                                                                                                                                                    | 3م     |        | 140,000.00   | 26.50    | 3,710,000.00 |
| 2         | أعمال الإنارة والتظليل                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |        |              |          |              |
| 3-2       | بالمتر المثلج اصل تظليل التوقيع من الاشجار ذو الارتفاعات الثقيلة من الاشجار والمزروعات والمنحدرات وذلك للمزروعات التي لا يزيد قطرها عن 30سم وارتفاع عن 3متر والتخلص منها بالمقالب العمومية لمهدها لاصل الرفع المسمى لتكمل حدود المشروع طبقا للشروط والمواصفات وتعليمات المهندس المشرف                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2م     |        | 12,000.00    | 7.80     | 93,600       |
| 3         | أعمال الردم                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |        |              |          |              |
| 3-1       | بالمتر المكعب اصل توريد وتشغيل تربة صالحة لردم و مطابقة للمواصفات والتشغيل باستخدام المعدات بسمك لا يزيد عن 50 سم حتى منسوب 2 متر و بسمك لا يزيد عن 25 سم لاستكمال المنسوب التصميمي لتشكيل الجسر والانتفاف (نسبة تعمل فائضها لا تقل عن 15%) و رشها بالمياه الاصطناعية للوصول الى نسبة الرطوبة المطلوبة والتمك الجيد بالهراسات للوصول الى أقصى كثافة جافة (95% من الكثافة الجافة القصوى) ويتم التثبيت طبقا للمناسيب والتصميمية والقطاعات العرضية التوضيحية والرسومات التفصيلية المعتمدة والبناء بجميع مشكلاته طبقا لاصول الصناعة ومواصفات الهيئة العامة للطرق والكباري وتعليمات المهندس المشرف<br>- مسافة النقل 2 كم<br>يتم احتساب علوة 1.65 جنيه لكل 1 كم زيادة حتى 100م و 1.45 لكل 1م عن 100م                                                                                                                                     | 3م     |        | 20,000.00    | 101.40   | 2,028,000    |
|           | علوة مسافة النقل 195م (1.45*93+1.65*100)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3م     |        | 15,000.00    | 299.85   | 4,497,750    |
|           | علوة مسافة النقل 205م (1.45*103+1.65*100)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3م     |        | 5,000.00     | 314.35   | 1,571,750    |
|           | علوة تحصيل رسوم القارئة والموازين طبقا لكثافة الشرفة الوطنية                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3م     |        | 20,000.00    | 13.00    | 260,000      |
| 3-2       | بالمتر المكعب اصل ترميم ونقل تربة صالحة لردم مطابقة للمواصفات وتشغيلها باستخدام آلات التسوية بسمك لا يزيد عن 50 سم حتى منسوب 2 متر و بسمك لا يزيد عن 25 سم لاستكمال المنسوب التصميمي لتشكيل الجسر والانتفاف (نسبة تعمل فائضها لا تقل عن 15%) و رشها بالمياه الاصطناعية للوصول الى نسبة الرطوبة المطلوبة والتمك الجيد بالهراسات للوصول الى أقصى كثافة جافة (95% من الكثافة الجافة القصوى) ويتم التثبيت طبقا للمناسيب والتصميمية والقطاعات العرضية التوضيحية والرسومات التفصيلية المعتمدة والبناء بجميع مشكلاته طبقا لاصول الصناعة ومواصفات الهيئة العامة للطرق والكباري وتعليمات المهندس المشرف<br>- مسافة النقل حتى 2 كم<br>ملحوظة<br>- في حالة طلب جهاز الإنارة زيادة نسبة التمسك عن 95 % بحسب زيادة 1 جنيه على زيادة نسبة التمسك لكل 1 %<br>السعر لا يشمل قيمة المادة المخبرية<br>زيادة 6 جنيه في حالة استخدام البدوز في الترميم | 3م     |        | 20,000.00000 | 47.00    | 940,000      |

مدير عام المشروعات

م. محمد مصطفى طه

مدير المشروع المالي

م. محمد مصطفى طه

مدير مشروع استشاري

م. مصطفى نعيم

ممثل المشروع الشركة

م. محمد مصطفى طه

م. محمد مصطفى طه

م. محمد مصطفى طه

م. محمد مصطفى طه

م. محمد مصطفى طه

م. محمد مصطفى طه

م. محمد مصطفى طه

م. محمد مصطفى طه





مركز الاستشارات الهندسية  
للنقل والطرق  
(شركة مساهمة)  
دكتور محمد الجوهري



المهندسة  
ليلى وائل  
(SGAC)



أعمال الجسر الترابي والخط الأول لمشروع القطر الكهربائي السريع (العين السخنة - العلمين - فوكا)  
مرحلة تشكيل الجسر الترابي والحمايات الخرسانية  
المقاييس المعدلة لينود الأعمال تنفيذ شركة إنشاء للمقاولات العامة  
القطاع من المحطة 458+800 إلى 460+600

| رقم البند | بيان الأعمال                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | الوحدة         | الكمية        | القيمة   | الإجمالي       |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------|----------|----------------|
| 5         | الطلاء الخرسانية                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |               |          |                |
| 5-1       | بشتر المسطح أصل توريد وصب خرسانة عذبة سمك 15 سم لارتفاع 10 متر راسي لعمية الانكشاف والمويل الجانبيه تتكون من 0.8 م <sup>2</sup> من تولوميت مترج + 0.4 م <sup>2</sup> رمل حرش بورتلاندي عادي والاضافات ( قير ستيلا ) على أن يكون السن ثقيل ومقوس والرمل خالي من الشوائب والطفلة والأملاح والمواد الغريبة والياد يشمل تجهيز واستعمال مناسب التربة الطبيعية أسفل البلاطة للوصول إلى المنسوب التصميمية على أن تعلق الخرسانة بجهد لا يقل عن 250 كجم / متر <sup>2</sup> وتطليح السطح والتقليد طبقاً لأصول الصناعة والرسومات التفصيلية المعتمدة والياد يجمع مشكلاته طبقاً لمواصفات الهيئة العامة للطرق والكباري والتعليمات المهندس المشرف .<br>يتم إضافة علوه قمرها 10 جنبه على أول 10 متر راسي على أن تضاف لكل مسطح (الباقي عن 5 متر راسي ) | م <sup>2</sup> | 12,180.087527 | 457.00   | 5,566,300      |
| 5-2       | بشتر المكعب أصل توريد وصب خرسانة عذبة لقدمات العمية والمويل الجانبيه وتتكون من 80 م <sup>3</sup> من تولوميت مترج + 0.40 م <sup>3</sup> رمل حرش والاضافات طبقاً للتعليمات الاستشاري (قير ستيلا ) على أن يكون السن ثقيل ومقوس والرمل خالي من الشوائب والطفلة والأملاح والمواد الغريبة مع وضع قير (الفاصل) سمك 2 سم (طبقاً للتعليمات الاستشاري ) والياد يشمل أعمال الحفر والشدات وكل ما يلزم لتجهيز الأعمال على أن تعلق الخرسانة بجهد لا يقل عن 250 كجم / متر <sup>2</sup> وعلى القواعد باليتومين المرمل والتقليد طبقاً لأصول الصناعة والرسومات التفصيلية المعتمدة والياد يجمع مشكلاته طبقاً لمواصفات الهيئة العامة للطرق والكباري والتعليمات المهندس المشرف .<br>يتم إضافة علوه 5 متر راسي على أن تضاف لكل مسطح (الباقي عن 5 متر راسي ) | م <sup>3</sup> | 500.00        | 2,665.20 | 1,332,600      |
|           | الإجمالي                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |               |          | 20,000,000.000 |
|           | (عشرون مليون جنبها فقط لا غير )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |               |          |                |

مدير عام المشروعات

د. محمد مصطفى قريش

مدير المشروع المالي

د. محمد محمود

مدير مشروع استشاري

د. مصطفى نجدي

مدير المشروع الشركة

د. محمد شعيب

يعتمد

رئيس الإدارة المركزية

منطقة غرب الدلتا

اسكندرية - مرسى مطروح

عميد مهندس /

"هاني محمد محمود طه"

٢٠٢٤  
١٠/١٤



قائمة الكميات الواردة بالمستخلص جاري (1)

اعمال الجسر الترابي لمشروع القطار الكهربائي السريع الخط الاول (العين السخنة - العلمين ) قطاع (العلمين - فوكة ) تشكيل الجسر الترابي والحمايات الخرسانية لتنفيذ المسافة من الكم 458,800 الي الكم 460,600 بطول 1,8 كم

رقم البند و بيانه : ( 2-1 ) أعمال حفر باستخدام المعدات الميكانيكية في التربة المتماسكة التربة عدا التربة الصخرية

تنفيذ : شركة انشاء للمقاولات العامة

مقدار العمل السابق : 0.0 3م

| الكمية    | الأبعاد ( متر )                                |     | الموقع الكيلومري |         | بيان الاعمال بالمقايضة |
|-----------|------------------------------------------------|-----|------------------|---------|------------------------|
|           | مساحة المقطع                                   | طول | ال               | من      |                        |
| 35000.00  | 70.000                                         | 500 | 458+100          | 457+600 | القطاع الأول           |
| 18000.00  | 36.000                                         | 500 | 458+600          | 458+100 | القطاع الثاني          |
| 2140.99   | 10.705                                         | 200 | 458+800          | 458+600 | القطاع الثالث          |
| 40000.00  | 100.000                                        | 400 | 459+900          | 459+500 | القطاع الرابع          |
| 21367.86  | 53.420                                         | 400 | 460+300          | 459+900 | القطاع الخامس          |
| 116508.85 | اجمالي الكميات خلال فترة المستخلص الحالية (3م) |     |                  |         |                        |
| 116508.85 | الاجمالي الكلي (3)                             |     |                  |         |                        |

مهندس الاستشاري

مهندس الاستشاري

مهندس الهيئة

م / إبراهيم العنوي

مكتب د/ سعد الجيوشي

م/ مصطفى نجم

م / محمد خليل

مكتب XYZ

م / محمد خليل

مهندس الشركة

م / محمود شعبان احمد

عبدالله

قائمة الكميات الواردة بالمستخلص جاري (1)

اعمال الجسر الترابي لمشروع القطار الكهربائي السريع الخط الاول (العين السخنة - العلمين ) قطاع (العلمين - فوكة ) تشكيل الجسر الترابي والحمايات الخرسانية لتنفيذ المسافة من الكم 458,800 الي الكم 460,600 بطول 1,8 كم

رقم البند و بيانه : ( 2-3 ) بالمتر المسطح اعمال تطهير الموقع من الاشجار والمزروعات

تنفيذ : شركة انشاء للمقاولات العامة

مقدار العمل السابق : 0.0 2م

| الكمية   | الابعاد ( متر )                                |     | الموقع الكيلومتری |         | بيان الاعمال بالمقايضة |
|----------|------------------------------------------------|-----|-------------------|---------|------------------------|
|          | عرض                                            | طول | الى               | من      |                        |
| 6000.00  | 60.000                                         | 100 | 458+000           | 457+900 | القطاع الأول           |
| 6000.00  | 60.000                                         | 100 | 458+500           | 458+400 | القطاع الثاني          |
| 12000.00 | اجمالي الكميات خلال فترة المستخلص الحالية (م2) |     |                   |         |                        |
| 12000.00 | الاجمالي الكلي (م2)                            |     |                   |         |                        |

مهندس الاستشاري

مهندس الاستشاري

مهندس الهيئة

مكتب د/سعد الجيوشي

مكتب XYZ

مهندس الشركة

م/إبراهيم الجندي

م/مصطفى نجم

م/محمد خليل

م/محمود محمود احمد



قائمة الكميات الواردة بالمستخلص جاري (1)

اعمال الجسر الترابي لمشروع القطار الكهربائي السريع الخط الاول (العين السخنة - العلمين ) قطاع (العلمين - فوكة ) تشكيل الجسر الترابي والحمايات الخرسانية لتنفيذ المسافة من الكم 458,800 الي الكم 460,600 بطول 1,8 كم

رقم البند و بيانه : ( 1-3 ) اعمال تحميل وتوريد اترية صالحة للردم مطابقة للمواصفات

تنفيذ : شركة انشاء للمقاولات العامة

مقدار العمل السابق : 0.0 3م

| الكمية           | الابعاد ( متر )                                |     | الموقع الكيلومري |         | بيان الاعمال بالمقايضة |
|------------------|------------------------------------------------|-----|------------------|---------|------------------------|
|                  | مساحة المقطع                                   | طول | الى              | من      |                        |
| 3170.246         | 10.567                                         | 300 | 457+900          | 457+600 | القطاع الأول           |
| 3170.246         | 10.567                                         | 300 | 458+200          | 457+900 | القطاع الثاني          |
| 2389.528         | 7.965                                          | 300 | 458+500          | 458+200 | القطاع الثالث          |
| 1455.88          | 14.559                                         | 100 | 458+900          | 458+800 | القطاع الرابع          |
| 4229.28          | 42.293                                         | 100 | 460+600          | 460+500 | القطاع الخامس          |
| <b>14415.181</b> | اجمالي الكميات خلال فترة المستخلص الحالية (3م) |     |                  |         |                        |
| <b>14415.181</b> | الاجمالي الكلي (3م)                            |     |                  |         |                        |

مهندس الهيئة  
م / إبراهيم التناوي

مهندس الاستشاري  
مكتب د/ سعد الجيوشي  
م / مصطفى نجم

مهندس الاستشاري  
مكتب XYZ  
م / محمد خليل

مهندس الشركة  
م / محمود شعبان احمد  
كو



قائمة الكميات الواردة بالمستخلص جاري (1)

اعمال الجسر الترابي لمشروع القطار الكهربائي السريع الخط الاول (العين السخنة - العلمين ) قطاع (العلمين - فوكة ) تشكيل الجسر الترابي والحمايات الخرسانية لتنفيذ المسافة من الكم 458,800 الي الكم 460,600 بطول 1,8 كم

رقم البند و بيانه : ( 3-1 ) علاوة تحصيل رسوم الكارثة والموازن طبقا للائحة الشركة الوطنية

تنفيذ : شركة انشاء للمقاولات العامة

مقدار العمل السابق : 0.0 3م

| الكمية    | الابعاد ( متر )                                |     | الموقع الكيلوميتري |         | بيان الاعمال بالمقايسة |
|-----------|------------------------------------------------|-----|--------------------|---------|------------------------|
|           | مساحة المقطع                                   | طول | الى                | من      |                        |
| 3170.246  | 10.567                                         | 300 | 457+900            | 457+600 | القطاع الأول           |
| 3170.246  | 10.567                                         | 300 | 458+200            | 457+900 | القطاع الثاني          |
| 2389.528  | 7.965                                          | 300 | 458+500            | 458+200 | القطاع الثالث          |
| 1455.88   | 14.559                                         | 100 | 458+900            | 458+800 | القطاع الرابع          |
| 4229.28   | 42.293                                         | 100 | 460+600            | 460+500 | القطاع الخامس          |
| 14415.181 | اجمالي الكميات خلال فترة المستخلص الحالية (3م) |     |                    |         |                        |
| 14415.181 | الاجمالي الكلي (3م)                            |     |                    |         |                        |

مهندس الهيئة  
م / إبراهيم الحناوي

مهندس الاستشاري  
مكتب د/سعد الجيوشي  
م/مصطفى نجم

مهندس الاستشاري  
مكتب XYZ  
م / محمد خليل

مهندس الشركة  
م / محمود شعبان احمد

قائمة الكميات الواردة بالمستخلص جاري (1)

اعمال الجسر الترابي لمشروع القطار الكهربائي السريع الخط الاول (العين السخنة - العلمين ) قطاع (العلمين - فوكة ) تشكيل الجسر الترابي والحمايات الخرسانية لتنفيذ المسافة من الكم 458,800 الي الكم 460,600 بطول 1,8 كم

رقم البند و بيانه : ( 3-1 ) علاوة مسافة النقل 195 كم (1.45\*93+1.65\*100)

تنفيذ : شركة انشاء للمقاولات العامة

مقدار العمل السابق : 0.0 3م

| الكمية   | الأبعاد ( متر )                                |     | الموقع الكيلوميتري |         | بيان الاعمال بالمقايضة |
|----------|------------------------------------------------|-----|--------------------|---------|------------------------|
|          | مساحة المقطع                                   | طول | ال                 | من      |                        |
| 3170.246 | 10.567                                         | 300 | 457+900            | 457+600 | القطاع الأول           |
| 3170.246 | 10.567                                         | 300 | 458+200            | 457+900 | القطاع الثاني          |
| 2389.528 | 7.965                                          | 300 | 458+500            | 458+200 | القطاع الثالث          |
| 1455.88  | 14.559                                         | 100 | 458+900            | 458+800 | القطاع الرابع          |
| 10185.90 | اجمالي الكميات خلال فترة المستخلص الحالية (3م) |     |                    |         |                        |
| 10185.90 | الاجمالي الكلي (3م)                            |     |                    |         |                        |

مهندس الاستشاري

مهندس الاستشاري

مهندس الهيئة

م / إبراهيم العنوي

مكتب د/ سعد الجبوشي

م / مصطفى نجم

مكتب XYZ

م / محمد خليل

مهندس الشركة

م / محمود شعبان احمد

قائمة الكميات الواردة بالمستخلص جاري (1)

اعمال الجسر الترابي لمشروع القطار الكهربائي السريع الخط الاول (العين السخنة - العلمين ) قطاع (العلمين - فوكة ) تشكيل الجسر الترابي والحمايات الخرسانية لتنفيذ المسافة من الكم 458,800 الي الكم 460,600 بطول 1,8 كم

رقم البند و بيانه : ( 3-1 ) علاوة مسافة النقل 205 كم (1.45\*103+1.65\*100)

تنفيذ : شركة انشاء للمقاولات العامة

مقدار العمل السابق : 0.0 3م

| الكمية   | الابعاد ( متر )                                |     | الموقع الكيلومتری |         | بيان الاعمال بالمقايضة |
|----------|------------------------------------------------|-----|-------------------|---------|------------------------|
|          | مساحة المقطع                                   | طول | الى               | من      |                        |
| 4229.281 | 42.293                                         | 100 | 460+600           | 460+500 | القطاع الأول           |
| 4229.28  | اجمالي الكميات خلال فترة المستخلص الحالية (3م) |     |                   |         |                        |
| 4229.28  | الاجمالي الكلي (3م)                            |     |                   |         |                        |

مهندس الاستشاري

مهندس الاستشاري

مهندس الهيئة

م / إبراهيم الحناوى

مكتب د/ سعد الجبوشي

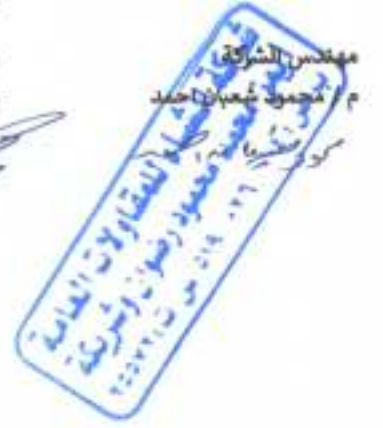
م/ مصطفى نجم

مكتب XYZ

م / محمد خليل

مهندس الشركة

م / محمود شعبان احمد



قائمة الكميات الواردة بالمستخلص جاري (1)

اعمال الجسر الترابي لمشروع القطار الكهربائي السريع الخط الاول (العين السخنة - العلمين ) قطاع (العلمين - فوكة ) تشكيل الجسر الترابي والحمايات الخرسانية لتنفيذ المسافة من الكم 458,800 الي الكم 460,600 بطول 1,8 كم

رقم البند و بيانه : ( 2-3 ) اعمال تحميل ونقل اترية صالحة للردم مطابقة للمواصفات

تنفيذ : شركة انشاء للمقاولات العامة

مقدار العمل السابق : 0.0 3م

| الكمية          | الابعاد ( متر )                                |     | الموقع الكيلومتری |         | بيان الاعمال بالمقايضة |
|-----------------|------------------------------------------------|-----|-------------------|---------|------------------------|
|                 | مساحة المقطع                                   | طول | الى               | من      |                        |
| 5350.000        | 17.833                                         | 300 | 459+800           | 459+500 | القطاع الأول           |
| 5350.000        | 17.833                                         | 300 | 460+100           | 459+800 | القطاع الثاني          |
| 5350.000        | 17.833                                         | 300 | 460+300           | 460+100 | القطاع الثالث          |
| 3577.91         | 17.890                                         | 200 | 460+500           | 460+300 | القطاع الرابع          |
| <b>19627.91</b> | اجمالي الكميات خلال فترة المستخلص الحالية (3م) |     |                   |         |                        |
| <b>19627.91</b> | الاجمالي الكلي (3م)                            |     |                   |         |                        |

مهندس الهيئة

م / إبراهيم الحناوي

مهندس الاستشاري

مكتب د/ سعد الجيوشي

م / مصطفى نجم

مهندس الاستشاري

مكتب XYZ

م / محمد خليل

مهندس الشركة

م / محمود شعبان احمد





قائمة الكميات الواردة بالمستخلص جاري (1)

اعمال الجسر الترابي لمشروع القطار الكهربائي السريع الخط الاول (العين السخنة - العلمين ) قطاع (العلمين - فوكة ) تشكيل الجسر الترابي والحمايات الخرسانية لتنفيذ المسافة من الكم 458,800 الي الكم 460,600 بطول 1,8 كم

رقم البند و بيانه : ( 1-5 ) أعمال توريد وصب خرسانة عادية سمك 15سم لحماية الاكتاف والميول الجانبية

تنفيذ : شركة انشاء للمقاولات العامة

مقدار العمل السابق : 0.0 م 2

| الكمية         | الابعاد ( متر )                                |     | الموقع الكيلومتری |         | بيان الاعمال بالمقايضة |
|----------------|------------------------------------------------|-----|-------------------|---------|------------------------|
|                | مساحة المقطع                                   | طول | الى               | من      |                        |
| 770.00         | 7.700                                          | 100 | 460+700           | 460+600 | القطاع الأول           |
| 770.00         | 7.700                                          | 100 | 460+800           | 460+700 | القطاع الثاني          |
| 770.00         | 7.700                                          | 100 | 460+900           | 460+800 | القطاع الثالث          |
| 770.00         | 7.700                                          | 100 | 461+000           | 460+900 | القطاع الرابع          |
| 767.20         | 7.672                                          | 100 | 461+100           | 461+000 | القطاع الخامس          |
| <b>3847.20</b> | اجمالي الكميات خلال فترة المستخلص الحالية (م2) |     |                   |         |                        |
| <b>3847.20</b> | الاجمالي الكلي (م2)                            |     |                   |         |                        |

مهندس الاستشاري

مكتب د/ سعد الجيوشي

م/ مصطفى نجم

مهندس الهيئة

م / إبراهيم الحكاوي

مهندس الاستشاري

مكتب XYZ

م / محمد خليل

مهندس الشركة

م / محمود شعبان أحمد



قائمة الكميات الواردة بالمستخلص جاري (1)

اعمال الجسر الترابي لمشروع القطار الكهربائي السريع الخط الاول (العين السخنة - العلمين ) قطاع (العلمين - فوكة ) تشكيل الجسر الترابي والحمايات الخرسانية لتنفيذ المسافة من الكم 458,800 الي الكم 460,600 بطول 1,8 كم

رقم البند و بيانه : ( 5-2 ) اعمال توريد وصب خرسانة عادية لقدمات الحمايات والميول الجانبية

تنفيذ : شركة انشاء للمقاولات العامة

مقدار العمل السابق : 0.0 3م

| الكمية | الابعاد ( متر )                                |     | الموقع الكيلومتری |         | بيان الاعمال بالمقايضة |
|--------|------------------------------------------------|-----|-------------------|---------|------------------------|
|        | مساحة المقطع                                   | طول | الى               | من      |                        |
| 30.00  | 0.300                                          | 100 | 457+700           | 457+600 | القطاع الأول           |
| 30.00  | 0.300                                          | 100 | 457+800           | 457+700 | القطاع الثاني          |
| 24.00  | 0.300                                          | 80  | 458+880           | 457+800 | القطاع الثالث          |
| 30.00  | 0.300                                          | 100 | 458+220           | 458+120 | القطاع الرابع          |
| 36.00  | 0.300                                          | 120 | 458+340           | 458+220 | القطاع الخامس          |
| 42.00  | 0.300                                          | 140 | 458+648           | 458+508 | القطاع السادس          |
| 15.87  | 0.305                                          | 52  | 458+760           | 458+708 | القطاع السابع          |
| 30.00  | 0.300                                          | 100 | 460+700           | 460+600 | القطاع الثامن          |
| 30.00  | 0.300                                          | 100 | 460+800           | 460+700 | القطاع التاسع          |
| 30.00  | 0.300                                          | 100 | 460+900           | 460+800 | القطاع العاشر          |
| 30.00  | 0.300                                          | 100 | 461+000           | 460+900 | القطاع الحادي عشر      |
| 30.00  | 0.300                                          | 100 | 461+100           | 461+000 | القطاع الثاني عشر      |
| 357.87 | اجمالي الكميات خلال فترة المستخلص الحالية (3م) |     |                   |         |                        |
| 357.87 | الاجمالي الكلي (3م)                            |     |                   |         |                        |

مهندس الهيئة

م / إبراهيم الحناوى

مهندس الاستشاري

مكتب د/ سعد الجيوشي

م/ مصطفى نجم

مهندس الاستشاري

مكتب XYZ

م / محمد خليل

مهندس الشركة

م / محمود شعبان احمد



# MATERIAL INSPECTION REQUEST



مديرية الطرق  
الطرق والكباري  
(DAR)

المهندسة  
لينا محمد  
(Lina)



|                      |                             |                     |                    |
|----------------------|-----------------------------|---------------------|--------------------|
| Contractor Company   | الشباب للمقاولات العامة     |                     | Designer Company   |
| Issued by Contractor | Name<br>Eng/ Mahmoud Shaban | Sign<br>[Signature] | Date<br>30/10/2022 |
| Received by ER       |                             | MIR                 | Time<br>1:40       |

|        |                         |                 |                                           |
|--------|-------------------------|-----------------|-------------------------------------------|
| CODE-1 | S1 to S21               | D1 to S3        | Kp XXX Note                               |
| CODE-2 | Station Reference       | Depot Reference | For Kilometer point only Start Km is used |
| CODE-3 | Work Activity           |                 |                                           |
|        | Sub Element of Activity |                 |                                           |

| Description of Materials | Fill material results                                                                                                                                                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Location to be Used      | 458+100 to 458+260 (-0.75)<br>458+040 to 458+160 (-0.5)<br>458+160 to 458+260 (-0.5)<br>458+260 to 458+320 (-0.5)<br>458+260 to 458+320 (-0.25)<br>458+320 to 458+400 (-0.25)<br>458+260 to 458+320 (ferma)<br>458+320 to 458+400 (ferma) |
|                          | 458+160 to 458+260 (-1.25)<br>458+260 to 458+320 (-1)<br>458+320 to 458+400 (-1)<br>458+260 to 458+320 (-0.75)<br>458+320 to 458+400 (-0.75)<br>458+320 to 458+400 (-0.5)<br>458+040 to 458+260 (-1)<br>458+040 to 458+100 (-0.75)        |

| MAR Approval No   | Date                             |                |          |              |      |
|-------------------|----------------------------------|----------------|----------|--------------|------|
| Supplier Name     |                                  |                |          |              |      |
| Test Requirement  | Specification                    |                |          |              |      |
| Reference Photos  | Other                            |                |          |              |      |
| Yes attached / No |                                  |                |          |              |      |
| Item              | Description                      | Unit           | Quantity | Arrival Date | Note |
| 1                 | Sieve analysis                   | M <sup>3</sup> | 10000    |              |      |
| 2                 | Material finer than sieve no 200 |                |          |              |      |
| 3                 | L.L and P.L and Proctor test     |                |          |              |      |
| 4                 | Soil classification and CBR      |                |          |              |      |

Comments by: \_\_\_\_\_

As sample has been taken from fill material by SEGAC office to CELL Lab and the results founded meet the specifications and accepted

| APPROVAL STATUS          |             |             |      |
|--------------------------|-------------|-------------|------|
| Organisation             | Name        | Sign        | Date |
| Contractor               | [Signature] | [Signature] |      |
| QA/QC                    | [Signature] | [Signature] |      |
| GARB                     | m. Hegem    | [Signature] |      |
| Comment by ER            |             |             |      |
| Employers Representative |             |             |      |

\* Designer  
\*\* Alignment / Bridges: Culvert Only



Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa  
Matrouh Priority Sector (6) – Alamein to Foka  
Type of sample : Replacement Soil (Middle & Upper Embankment )  
Sample No : 03  
Delivery Date : 23 / 10 / 2022  
Reporting Date : 30 / 10 / 2022

**Dear Sir,**

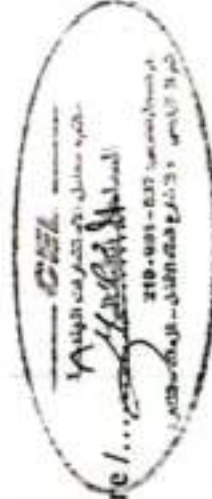
Attached here with the delivered on 23 / 10 / 2022

## Materials test

1. Sieve analysis according to ASTM D-422.
2. Material finer than sieve No. 200 according ASTM D-1140.
3. Liquid limits and plasticity index of soil according to D-4318.
4. Soil classification according to Project Specs.
5. Proctor Test according to D-1557
6. C.B.R.

- This sample is classified as (A-1-b) according to Project Specs.

**Signature /**



3, El Malek El Afadel Street  
Zamalek, Cairo,  
Tel. & Fax : 27367231 - 27363093



9001-2072

٢٧٣١٣٠٩٣ - ١٧٣١٧٢٣١  
تليفون : فاكس :  
البريد الإلكتروني :  
www.cel-egypt.com

**Company Name** : Inshaa General Company

**Project** : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh Priority Sector (6) – Alamein to Foka

Type of sample : Replacement Soil (Middle &amp; Upper Embankment)

Sample No. : 03

Delivery Date : 23 / 10 / 2022

Reporting Date : 30 / 10 / 2022

## RESULTS OF SIEVE ANALYSIS According to ASTM D-422.

| Sieve Size<br>(mm) | Passing % |
|--------------------|-----------|
| 50                 | 100       |
| 37.5               | 100       |
| 25                 | 98.2      |
| 19                 | 95.4      |
| 12.50              | 81.2      |
| 9.50               | 63.3      |
| 4.75               | 54.9      |
| 2.36               | 51.8      |
| 2.00               | 46.6      |
| 1.18               | 40.1      |
| 0.600              | 37.1      |
| 0.425              | 32.4      |
| 0.300              | 27.1      |
| 0.150              | 15.7      |

Note: The sample was brought by the client to our laboratory at 23/10/2022 and the laboratory is not responsible for the way it is taken

**Signature**

الصادق الشافعي

3 El Malek El Afdal Street  
Zamalek, Cairo.  
Tel. & Fax: 27367231 • 27363093



٢ ش الملك الأفضل  
الزمالك - القاهرة  
تليفون : فاكس ، ١٧٣١٨٢٤١  
www.jed-egypt.com



Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh Priority Sector (6) – Alamein to Foka  
Type of sample : Replacement Soil (Middle & Upper Embankment )  
Sample No : 03  
Delivery Date : 23 / 10 / 2022  
Reporting Date : 30/ 10 / 2022

**MATERIALS FINER THAN 75  $\mu$ m (No.200) SIEVE  
IN MENERAL AGGREGATE BY WASHING  
ASTM D-1140.**

| Test                                                             | Results (%) |
|------------------------------------------------------------------|-------------|
| Percentage of material finer than Sieve Size 75 $\mu$ m (No.200) | 11.7        |

Signature /...  
مكتب استشارات الهندسة  
30/10/2022

Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh Priority Sector (6) – Alamein to Foka  
Type of sample : Replacement Soil (Middle & Upper Embankment )  
Sample No : 03  
Delivery Date : 23 / 10 / 2022  
Reporting Date : 30 / 10 / 2022

**RESULTS OF LIQUID LIMIT AND PLASTICITY INDEX  
OF SOILS According to D-4318**

| Test               | Results |
|--------------------|---------|
| Liquid Limit %     | NP      |
| Plastic Limit %    | NP      |
| Plasticity Index % | NP      |

Signature /   
مهندس معمار الاستشارات الهندسية  
218 - 001 - 001  
مكتب معمار الاستشارات الهندسية . الدخيل الدخيل

Company Name : Inshan General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh Priority Sector (6) – Alamein to Foka  
Type of sample : Replacement Soil (Middle & Upper Embankment)  
Sample No : 03  
Delivery Date : 23 / 10 / 2022  
Reporting Date : 30 / 10 / 2022

Soil Classification According To Project Specs (Embankment)

| TEST                                                 | Results (%) | Limits according Projects Specs |
|------------------------------------------------------|-------------|---------------------------------|
| • Group Classification                               | (A-1-b)     | (A-1-a) (A-1-b)                 |
| 2.00 mm (No.10).                                     | 46.6        | Max 50 % -----                  |
| 0.425 mm (No. 40).                                   | 32.4        | Max 30 % Max 50 %               |
| 0.075 mm (No. 200).                                  | 11.7        | Max 15 % Max 15 %               |
| Characteristics of fraction passing 0.425 mm (No.40) |             |                                 |
| Liquid Limit .....                                   | NP          | -----                           |
| Plasticity index .....                               | NP          | Max 6 % Max 6 %                 |

The Test Results is ( ☒ Comply - ☐ Not Comply ) with Project Spec.

Signature / .....  
  
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**Company Name : Inshaa General Company**

**Project** : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh Priority Sector (6) – Alamein to Foka

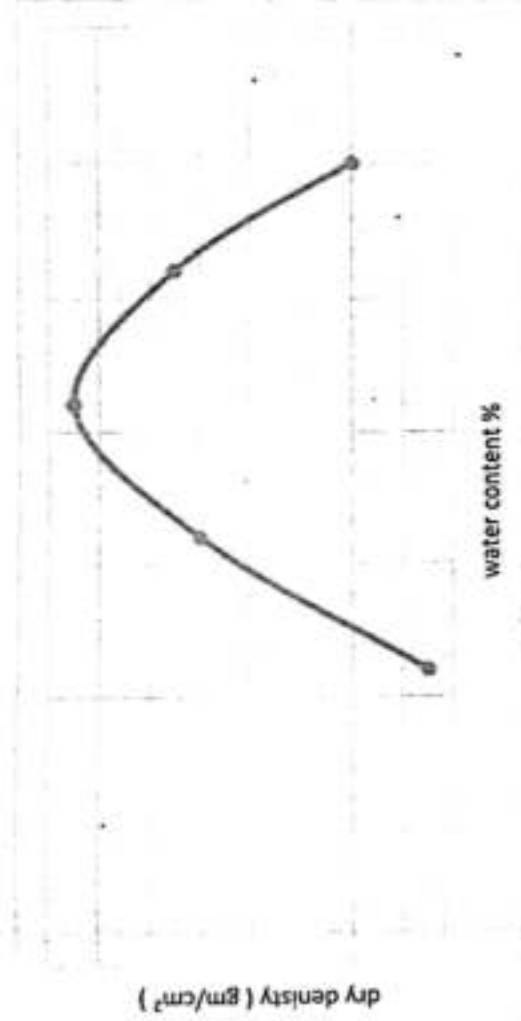
Type of sample : Replacement Soil (Middle &amp; Upper Embankment)

Sample No. : 03

Delivery Date : 23 / 10 / 2022

Reporting Date : 30/10/2022

**Moisture – Density relation of soil**  
**Test result ( Modified proctor test )**  
**ASTM ( D 1557 )**

Max dry density (gm/cm<sup>3</sup>): 2.05

Optimum moisture content % : 8.4

Signature /

*[Handwritten signature]*

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Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh Priority Sector (6) – Alamein to Foka  
Type of sample : Replacement Soil (Middle & Upper Embankment )  
Sample No : 03  
Delivery Date : 23 / 10 / 2022  
Reporting Date : 30/ 10 / 2022

### Test Results of California Bearing Ratio on Base Materials ASTM D 1883

| penetration                       |              | stress on piston<br>(Mpa) |       |
|-----------------------------------|--------------|---------------------------|-------|
| mm                                | Inch         |                           |       |
| 0.64                              | 0.025        | 3.47                      |       |
| 1.27                              | 0.050        | 4.00                      |       |
| 1.91                              | 0.075        | 4.40                      |       |
| 2.54                              | 0.100        | 5.04                      |       |
| 3.18                              | 0.125        | 5.72                      |       |
| 3.81                              | 0.150        | 6.37                      |       |
| 4.45                              | 0.175        | 7.07                      |       |
| 5.08                              | 0.200        | 7.39                      |       |
| 5.71                              | 0.225        | 7.83                      |       |
| 6.35                              | 0.250        | 7.83                      |       |
| CBR RESULTS                       | Stress (Mpa) |                           | CBR % |
| At 0.1 " (2.54 mm)<br>penetration | St. Value    | Sample results            | 73.1  |
|                                   | 6.90         | 5.04                      |       |

#### Notes :

- 1-Attached graph shows penetration resistance versus penetration magnitude.
- 2- The sample was compacted to dry density of 2.05 (gm /cm3) At 8.4 % optimum water content.

3-Surcharge load 4.50 Kg.

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**Company Name** : Inshaa General Company

**Project** : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh Priority Sector (6) - Alamein to Foka

Type of sample : Replacement Soil (Middle &amp; Upper Embankment)

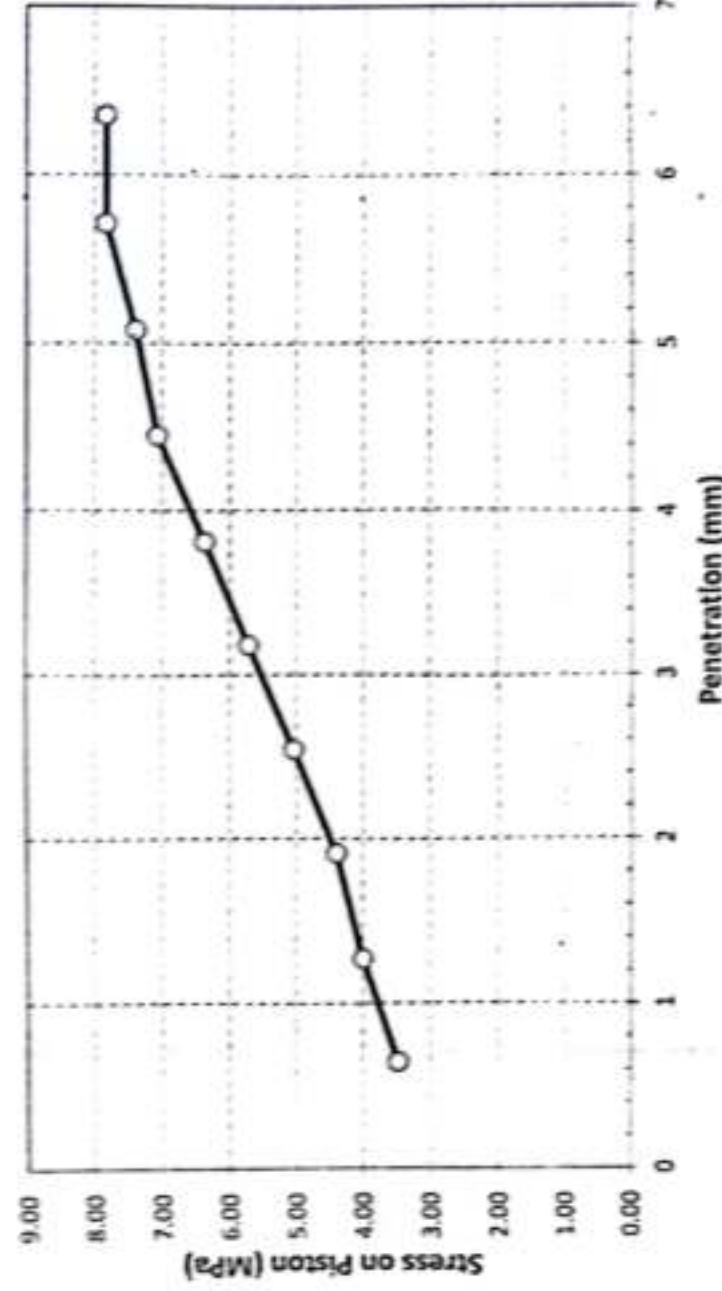
Sample No. : 03

Delivery Date : 23 / 10 / 2022

Reporting Date : 30/10/2022

### LOAD PENETRATION CURVE OF CBR TEST

ASTM D 1883



**Signature**

Signature / **J. J. [Signature]**  
 J. J. [Signature]  
 810-100-1000  
 1-800-456-7890

**Abstract**

Zamulch, C'ulm.

Tel. &amp; Fax : 27.1672.31 - 27.16.1093



٢ ش. الملك الأحمدي

المجلد الثاني - 2007

1971-72 - 1976-77

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|                      |                             |                    |                  |            |          |          |          |          |            |         |          |
|----------------------|-----------------------------|--------------------|------------------|------------|----------|----------|----------|----------|------------|---------|----------|
| Contractor Company   | انشاء للمقالات العامة       |                    | Designer Company |            |          |          |          |          |            |         |          |
| Issued by Contractor | Name<br>Eng/ Mahmoud Shaban | Sign<br>- كوسحيا - | Date             | 30/10/2022 |          |          |          |          |            |         |          |
| Received by ER       |                             |                    | MIR              | C1<br>458  | C2<br>EW | C3<br>CS | C4<br>DO | MM<br>10 | YY<br>2022 | HH<br>1 | MM<br>40 |

|          |                                          |                             |                                                          |
|----------|------------------------------------------|-----------------------------|----------------------------------------------------------|
| CODE - 1 | S1 to S21<br>Station Reference           | D1 to S3<br>Depot Reference | Kg XXX Note<br>For Kilometer point only Start Km is used |
| CODE - 2 |                                          |                             |                                                          |
| CODE - 3 | Work Activity<br>Sub Element of Activity |                             |                                                          |

| Fill material results                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                               |                                                                                                                                                                          |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Description of Materials                                                                                                                                                                                                                                                        | <p>457+820 to 457+900 (-0.75)</p> <p>457+740 to 457+820 (-0.5)</p> <p>457+820 to 457+900 (-0.5)</p> <p>457+680 to 457+820 (-0.25)</p> <p>457+820 to 457+900 (-0.25)</p> <p>457+600 to 457+680 (ferma)</p> <p>457+680 to 457+820 (ferma)</p> <p>457+820 to 457+900 (ferma)</p> | <p>458+040 to 458+200 (-1.25)</p> <p>458+200 to 458+400 (-1.25)</p> <p>458+120 to 458+260 (-1.5)</p> <p>458+040 to 458+160 (-1.25)</p> <p>458+260 to 458+320 (-1.25)</p> |          |
| Location to be Used                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                               |                                                                                                                                                                          |          |
| MAR Approval No                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                               |                                                                                                                                                                          | Date     |
| Supplier Name                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                               |                                                                                                                                                                          |          |
| Test Requirement                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                               | Specification                                                                                                                                                            | Clause   |
| Reference Photos                                                                                                                                                                                                                                                                | Yes attached / No                                                                                                                                                                                                                                                             | Other                                                                                                                                                                    |          |
| Item                                                                                                                                                                                                                                                                            | Description                                                                                                                                                                                                                                                                   | Unit                                                                                                                                                                     | Quantity |
| 1                                                                                                                                                                                                                                                                               | Sieve analysis                                                                                                                                                                                                                                                                | M <sup>3</sup>                                                                                                                                                           | 10000    |
| 2                                                                                                                                                                                                                                                                               | Material finer than sieve no. 200                                                                                                                                                                                                                                             |                                                                                                                                                                          |          |
| 3                                                                                                                                                                                                                                                                               | L.L and P.L and Proctor test                                                                                                                                                                                                                                                  |                                                                                                                                                                          |          |
| 4                                                                                                                                                                                                                                                                               | Soil classification and CBR                                                                                                                                                                                                                                                   |                                                                                                                                                                          |          |
| <div style="display: flex; justify-content: space-between;"> <div> <p>Comments by:</p> <p>Asample has been taken form fill material by SEGAC office to CELL Lab and the results founded meet the specifications and accepted</p> </div> <div> <p>Comments by:</p> </div> </div> |                                                                                                                                                                                                                                                                               |                                                                                                                                                                          |          |
| APPROVAL STATUS                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                               |                                                                                                                                                                          |          |
| Organisation                                                                                                                                                                                                                                                                    | Name                                                                                                                                                                                                                                                                          | Sign                                                                                                                                                                     | Date     |
| Contractor                                                                                                                                                                                                                                                                      | - كوسحيا -                                                                                                                                                                                                                                                                    |                                                                                       |          |
| QA/QC *                                                                                                                                                                                                                                                                         | Ramh                                                                                                                                                                                                                                                                          |                                                                                       |          |
| GARB **                                                                                                                                                                                                                                                                         | m-Negm                                                                                                                                                                                                                                                                        |                                                                                       |          |
| Comment by ER                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                               |                                                                                                                                                                          |          |
| Employers Representative                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                               |                                                                                                                                                                          |          |

Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa  
Matrouh Priority Sector (6) – Alamein to Foka  
Type of sample : Replacement Soil (Middle & Upper Embankment )  
Sample No : 05  
Delivery Date : 23 / 10 / 2022  
Reporting Date : 30 / 10 / 2022

Dear Sir,

Attached here with the delivered on 23 / 10 / 2022

#### Materials test

- 1.Sieve analysis according to ASTM D-422.
- 2.Material finer than sieve No. 200 according ASTM D-1140.
- 3.Liquid limits and plasticity index of soil according to D-4318.
- 4.Soil classification according to Project Specs.
- 5.Proctor Test according to D-1557
- 6.CBR

- This sample is classified as (A-1-a) according to Project Specs.

Signature

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رقم الترخيص 249-881-837  
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Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa  
Matrouh Priority Sector (6) – Alamein to Foka  
Type of sample : Replacement Soil (Middle & Upper Embankment )  
Sample No : 05  
Delivery Date : 23 / 10 / 2022  
Reporting Date : 30 / 10 / 2022

**RESULTS OF SIEVE ANALYSIS According to ASTM D-422.**

| Sieve Size<br>(mm) | Passing % |
|--------------------|-----------|
| 50                 | 100       |
| 37.5               | 98.8      |
| 25                 | 95.1      |
| 19                 | 93.1      |
| 12.50              | 76.7      |
| 9.50               | 67.2      |
| 4.75               | 50.5      |
| 2.36               | 46.4      |
| 2.00               | 41.2      |
| 1.18               | 39.1      |
| 0.600              | 34.5      |
| 0.425              | 28.5      |
| 0.300              | 22.4      |
| 0.150              | 16.2      |

Note: The sample was brought by the client to our laboratory at 23/10/2022 and the laboratory is not responsible for the way it is taken

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Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa  
Matrouh Priority Sector (6) – Alamein to Foka  
Type of sample : Replacement Soil (Middle & Upper Embankment )  
Sample No : 05  
Delivery Date : 23 / 10 / 2022  
Reporting Date : 30 / 10 / 2022

**MATERIALS FINER THAN 75  $\mu$ m (No.200) SIEVE  
IN MENERAL AGGREGATE BY WASHING  
ASTM D-1140.**

| Test                                                                | Results<br>(%) |
|---------------------------------------------------------------------|----------------|
| Percentage of material finer than<br>Sieve Size 75 $\mu$ m (No.200) | 11.8           |

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Project : Electric Express Train, from Al Ain Sokhna to Marsa  
Matrouh Priority Sector (6) – Alamein to Foka  
Type of sample : Replacement Soil (Middle & Upper Embankment )  
Sample No : 05  
Delivery Date : 23 / 10 / 2022  
Reporting Date : 30 / 10 / 2022

**RESULTS OF LIQUID LIMIT AND PLASTICITY INDEX**  
**OF SOILS According to D-4318**

| Test               | Results |
|--------------------|---------|
| Liquid Limit%      | NP      |
| Plastic Limit %    | NP      |
| Plasticity Index % | NP      |

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Company Name : Inshaa General Company

Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh Priority Sector (6) – Alamein to Foka

Type of sample : Replacement Soil (Middle &amp; Upper Embankment )

Sample No : 05

Delivery Date : 23 / 10 / 2022

Reporting Date : 30 / 10 / 2022

Soil Classification According To Project Specs (Embankment)

| TEST                                                 | Results (%) | Limits according Projects Specs |
|------------------------------------------------------|-------------|---------------------------------|
| • Group Classification                               | (A-1-a)     | (A-1-a)                         |
| 2.00 mm (No.10).                                     | 41.2        | Max 50 %                        |
| 0.425 mm (No. 40).                                   | 28.5        | Max 30 %                        |
| 0.075 mm (No. 200).                                  | 11.8        | Max 15 %                        |
| Characteristics of fraction passing 0.425 mm (No.40) |             |                                 |
| Liquid Limit .....                                   | NP          | -----                           |
| Plasticity index .....                               | NP          | Max 6 %                         |
|                                                      |             | Max 6 %                         |

The Test Results is ( ☒ Comply - ☐ Not Comply ) with Project Spec.

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Company Name : Inshaa General Company

Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh Priority Sector (6) – Alamein to Foka

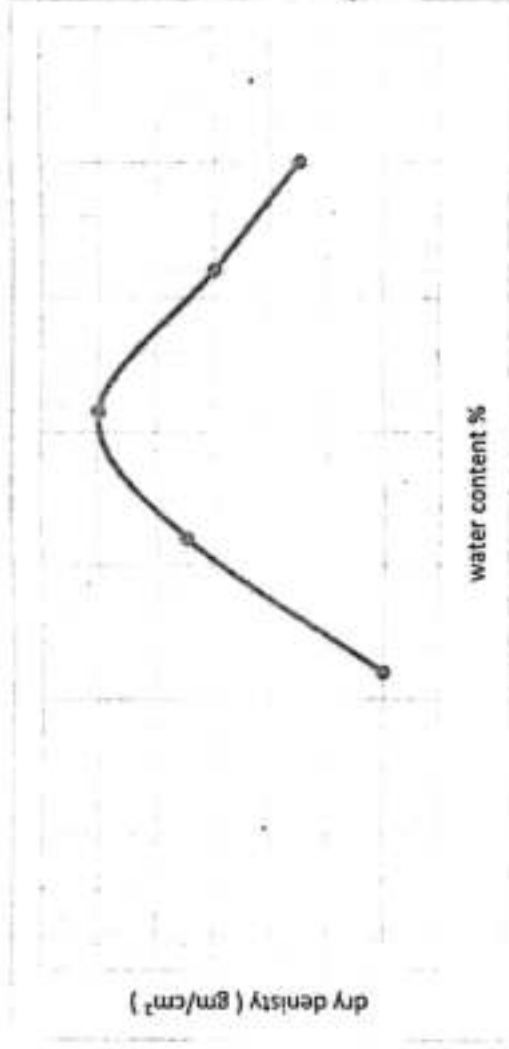
Type of sample : Replacement Soil (Middle & Upper Embankment)

Sample No : 05

Delivery Date : 23 / 10 / 2022

Reporting Date : 30 / 10 / 2022

Moisture – Density relation of soil  
Test result ( Modified proctor test )  
ASTM ( D 1557 )



Max dry density (gm/cm³) : 2.04

Optimum moisture content % : 8.3

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Company Name : Inshaa General Company

Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh Priority Sector (6) – Alamein to Foka

Type of sample : Replacement Soil (Middle & Upper Embankment )

Sample No : 05

Delivery Date : 23 / 10 / 2022

Reporting Date : 30 / 10 / 2022

## Test Results of California Bearing Ratio on Base Materials ASTM D 1883

| penetration                          |                | stress on piston<br>(Mpa) |
|--------------------------------------|----------------|---------------------------|
| mm                                   | Inch           |                           |
| 0.64                                 | 0.025          | 3.47                      |
| 1.27                                 | 0.050          | 4.00                      |
| 1.91                                 | 0.075          | 4.40                      |
| 2.54                                 | 0.100          | 4.91                      |
| 3.18                                 | 0.125          | 5.66                      |
| 3.81                                 | 0.150          | 6.12                      |
| 4.45                                 | 0.175          | 6.78                      |
| 5.08                                 | 0.200          | 7.24                      |
| 5.71                                 | 0.225          | 7.83                      |
| 6.35                                 | 0.250          | 8.10                      |
| CBR RESULTS                          |                | CBR %                     |
| At 0.1 inch (2.54 mm)<br>penetration | St. Value      | 71.1                      |
|                                      | Sample results |                           |
|                                      | 6.90           | 4.91                      |

### Notes :

- 1-Attached graph shows penetration resistance versus penetration magnitude.
- 2- The sample was compacted to dry density of 2.04 (gm /cm<sup>3</sup>)  
At 8.3 % optimum water content.
- 3-Surcharge load 4.50.Kg

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Company Name : Inshaa General Company

Project : Electric Express Train, from Al Ain Sokhna to Marsa

Matrouh Priority Sector (6) – Alamein to Foka

Type of sample : Replacement Soil (Middle & Upper Embankment)

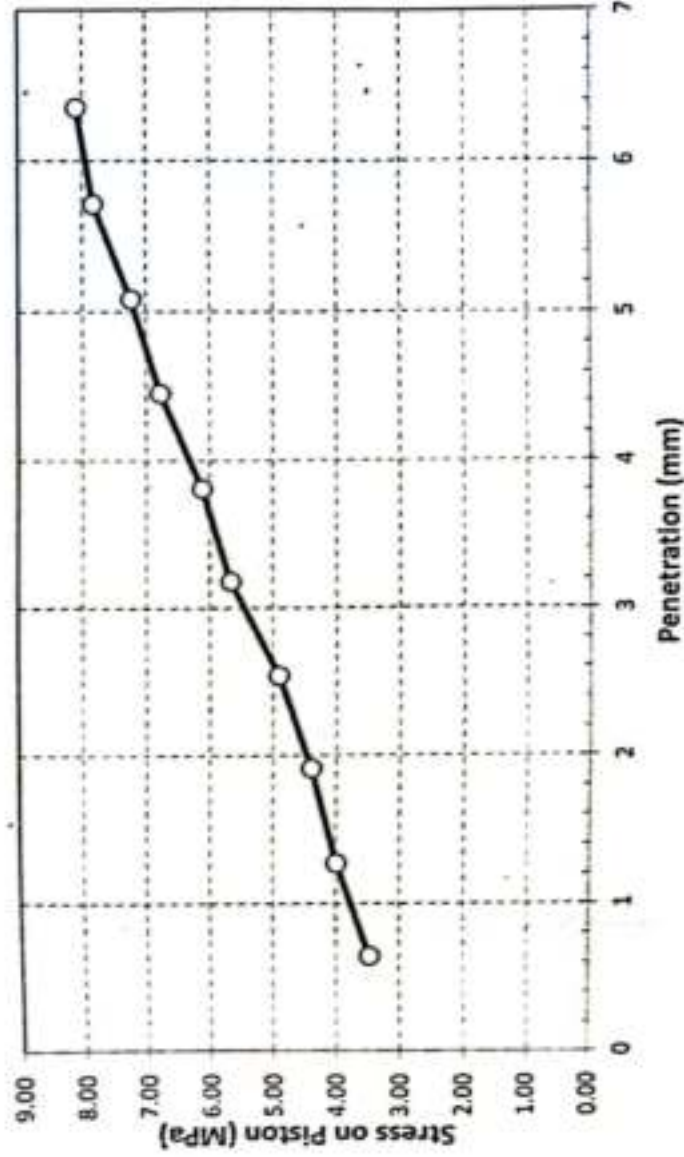
Sample No : 05

Delivery Date : 23 / 10 / 2022

Reporting Date : 30 / 10 / 2022

### LOAD PENETRATION CURVE OF CBR TEST

ASTM D 1883



Signature /

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23/10/2022  
الموقع: القاهرة - شارع الملك فيصل - القاهرة

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|                      |                       |      |            |      |                  |  |  |  |  |
|----------------------|-----------------------|------|------------|------|------------------|--|--|--|--|
| Contractor Company   | انشاء للمقالات العامة |      |            |      | Designer Company |  |  |  |  |
| Issued by Contractor | Name                  | Sign | Date       | Time |                  |  |  |  |  |
|                      | Eng/Mahmoud Shaban    |      | 30/10/2022 | 2:10 |                  |  |  |  |  |
| Received by ER       |                       |      |            |      |                  |  |  |  |  |

|                         |                   |                 |                                           |
|-------------------------|-------------------|-----------------|-------------------------------------------|
| CODE-1                  | S1 to S21         | D1 to S3        | Kp XXX Note                               |
| CODE-2                  | Station Reference | Depot Reference | For Kilometer point only Start Km is used |
| CODE-3                  | Work Activity     |                 |                                           |
| Sub Element of Activity |                   |                 |                                           |

| Description of Materials | Fill material results             |                |          |              |
|--------------------------|-----------------------------------|----------------|----------|--------------|
| Location to be Used      | 458+160 to 458+260 (-1.25)        |                |          |              |
|                          | 458+260 to 458+320 (-1)           |                |          |              |
|                          | 458+320 to 458+400 (-1)           |                |          |              |
|                          | 458+260 to 458+320(-0.75)         |                |          |              |
|                          | 458+320 to 458+400 (-0.75)        |                |          |              |
|                          | 458+320 to 458+400 (-0.5)         |                |          |              |
|                          | 458+040 to 458+260 (-1)           |                |          |              |
|                          | 458+040 to 458+100 (-0.75)        |                |          |              |
| MAR Approval No          |                                   |                |          | Date         |
| Supplier Name            |                                   |                |          |              |
| Test Requirement         |                                   |                |          | Clause       |
| Reference Photos         | Yes attached / No                 | Specification  | Other    |              |
| Item                     | Description                       | Unit           | Quantity | Arrival Date |
| 1                        | Sieve analysis                    | M <sup>3</sup> | 5000     |              |
| 2                        | Material finer than sieve no ,200 |                |          |              |
| 3                        | L.L and P.L and Proctor test      |                |          |              |
| 4                        | Soil classification               |                |          |              |
| Comments by:             |                                   |                |          |              |

|                          |                                                                                                                                      |      |      |         |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------|------|---------|
| APPROVAL STATUS          |                                                                                                                                      |      |      |         |
| Comments by:             | Asample has been taken form fill material by SEGAC office to CELL Lab and the results founded meet the specificonctions and accepted |      |      |         |
| Organisation             | Name                                                                                                                                 | Sign | Date | A-AWC-R |
| Contractor               | محمد شهاب                                                                                                                            |      |      |         |
| QA/QC                    | Ramel                                                                                                                                |      |      |         |
| GARB**                   | m-Negm                                                                                                                               |      |      |         |
| Comment by ER            |                                                                                                                                      |      |      |         |
| Employers Representative |                                                                                                                                      |      |      |         |

\* Designer  
\*\* Alignment / Bridges: Culvert Only



Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa  
Matrouh Priority Sector (6) – Alamein to Foka  
Type of sample : Replacement Soil (Middle & Upper Embankment )  
Sample No : 04  
Delivery Date : 23 / 10 / 2022  
Reporting Date : 30 / 10 / 2022

Dear Sir,

Attached here with the delivered on 23 / 10 / 2022

#### Materials test

- 1.Sieve analysis according to ASTM D-422.
- 2.Material finer than sieve No. 200 according ASTM D-1140.
- 3.Liquid limits and plasticity index of soil according to D-4318.
- 4.Soil classification according to Project Specs.
- 5.Proctor Test according to D-1557

- This sample is classified as (A-1-b) according to Project Specs.

Signature /

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Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa  
Matrouh Priority Sector (6) – Alamein to Foka  
Type of sample : Replacement Soil (Middle & Upper Embankment )  
Sample No : 04  
Delivery Date : 23 / 10 / 2022  
Reporting Date : 30 / 10 / 2022

## RESULTS OF SIEVE ANALYSIS According to ASTM D-422.

| Sieve Size<br>(mm) | Passing % |
|--------------------|-----------|
| 50                 | 100       |
| 37.5               | 100       |
| 25                 | 98.3      |
| 19                 | 97.1      |
| 12.50              | 70.3      |
| 9.50               | 61.3      |
| 4.75               | 58.5      |
| 2.36               | 53.1      |
| 2.00               | 49.6      |
| 1.18               | 40.1      |
| 0.600              | 37.9      |
| 0.425              | 34.1      |
| 0.300              | 23.8      |
| 0.150              | 17.6      |

Note: The sample was brought by the client to our laboratory at 23/10/2022 and the laboratory is not responsible for the way it is taken

Signature / .....  
مكتب معامل الاستشارات الهندسية  
الاستشارات الهندسية  
3010 - 3011  
شارع طه الألفي الزمعة - القاهرة

Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh Priority Sector (6) -- Alameln to Foka  
Type of sample : Replacement Soil (Middle & Upper Embankment )  
Sample No : 04  
Delivery Date : 23 / 10 / 2022  
Reporting Date : 30 / 10 / 2022

**MATERIALS FINER THAN 75  $\mu$ m (No.200) SIEVE  
IN MENERAL AGGREGATE BY WASHING  
ASTM D-1140.**

| Test                                                             | Results (%) |
|------------------------------------------------------------------|-------------|
| Percentage of material finer than Sieve Size 75 $\mu$ m (No.200) | 12.6        |

**Signature /..**  
مكتب استشارات وهندسة وفحوصات المعامل  
بمصر - شارع النيل - حي النور - القاهرة  
T. 27367231 - F. 27363093

Company Name : Inshan General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh Priority Sector (6) -- Alameln to Foka  
Type of sample : Replacement Soil (Middle & Upper Embankment )  
Sample No : 04  
Delivery Date : 23 / 10 / 2022  
Reporting Date : 30 / 10 / 2022

**RESULTS OF LIQUID LIMIT AND PLASTICITY INDEX  
OF SOILS According to D-4318**

| Test               | Results |
|--------------------|---------|
| Liquid Limit %     | NP      |
| Plastic Limit %    | NP      |
| Plasticity Index % | NP      |

Signature / .....  
  
 Engineer / .....  
 مهندس / .....  
 Date / .....  
 التاريخ / .....



Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh Priority Sector (6) – Alamein to Foka  
Type of sample : Replacement Soil (Middle & Upper Embankment )  
Sample No : 04  
Delivery Date : 23 / 10 / 2022  
Reporting Date : 30 / 10 / 2022

## Soil Classification According To Project Specs (Embankment)

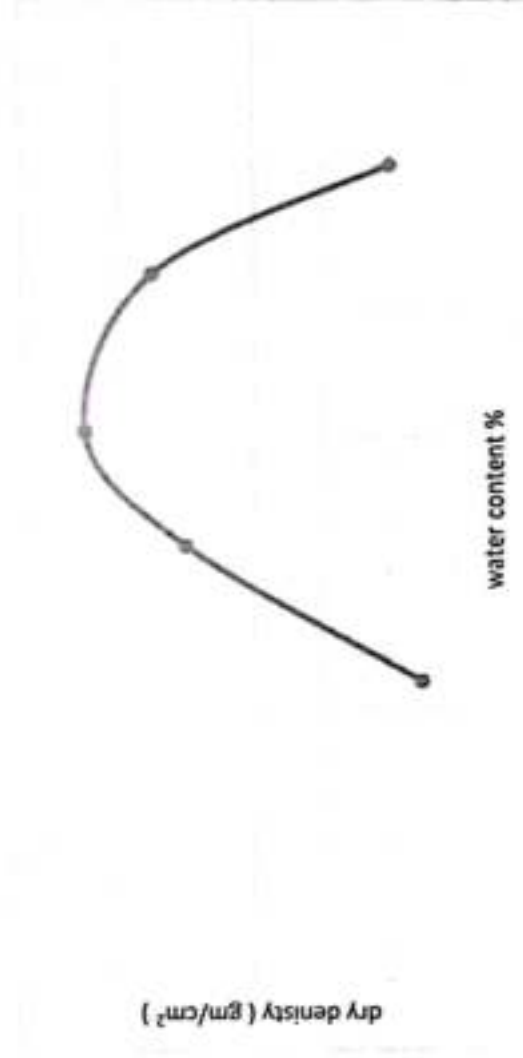
| TEST                                                 | Results (%) | Limits according Projects Specs |
|------------------------------------------------------|-------------|---------------------------------|
| • Group Classification                               | (A-1-b)     | (A-1-a) (A-1-b)                 |
| 2.00 mm (No.10).                                     | 49.6        | Max 50 %                        |
| 0.425 mm (No. 40).                                   | 34.1        | Max 30 %                        |
| 0.075 mm (No. 200).                                  | 12.6        | Max 15 %                        |
| Characteristics of fraction passing 0.425 mm (No.40) |             |                                 |
| Liquid Limit .....                                   | NP          | -----                           |
| Plasticity index .....                               | NP          | Max 6 %                         |
|                                                      |             | Max 6 %                         |

The Test Results is ( ☒ Comply - ☐ Not Comply ) with Project Spec.

Signature / .....  
مكتب معمل الاستشارات الهندسية  
الاسماء: محمد عبد الله محمد  
210 - 901 - 937  
شارع قنا - القاهرة - مصر

Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh Priority Sector (6) – Alamein to Foka  
Type of sample : Replacement Soil (Middle & Upper Embankment )  
Sample No : 04  
Delivery Date : 23 / 10 / 2022  
Reporting Date : 30 / 10 / 2022

Moisture – Density relation of soil  
Test result ( Modified proctor test )  
ASTM ( D 1557 )



Max dry density (gm/cm³) : 2.03

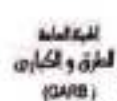
Optimum moisture content % : 8.1

Signature

مكتب معمل الاستشارات الهندسية  
الاستشارات الهندسية  
310 - 901 - 037  
شارع الملك فهد - الدخيل - القاهرة



# SUBMISSION of TEST RESULTS



## Green Line

|                            |                    |                    |            |                  |    |
|----------------------------|--------------------|--------------------|------------|------------------|----|
| Location Name              |                    | Contractor Company |            | Designer Company |    |
| From st 457+600 to 457+700 |                    | Inshaa company     |            | SGAC             |    |
| Issued by Contractor       | Name               | Sign               | Date       | Designation      |    |
|                            | Eng/Mahmoud Shaban |                    | 28-12-2023 |                  |    |
| Contractor Reference       |                    |                    |            | Revision         |    |
| Received by ER             | Name               | Sign               | TRF        | DD               | MM |
|                            |                    |                    |            | 20               | 2  |

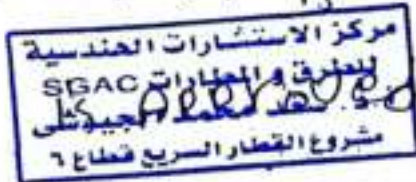
NB: Package 1 Only (Package 2 via Aconex)

## THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW

| Description of Test | Compression tests of cubes for diversion channel left side (type 2) for st 457+600 to 457+700 for quantity = 118 m <sup>3</sup> |                  |                        |           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------|-----------|
| Location of Test    | Cel                                                                                                                             |                  |                        |           |
| Item                | Specification                                                                                                                   | Test Requirement | Test Result Attachment | Remarks   |
| 1                   | E.E.T Specs                                                                                                                     | 28.7 MPa         | Cel                    | Pass. 281 |
| 2                   |                                                                                                                                 |                  |                        | Pass. 277 |
| 3                   |                                                                                                                                 |                  |                        | Pass. 259 |
| 4                   |                                                                                                                                 |                  |                        |           |
| 5                   |                                                                                                                                 |                  |                        |           |

Comments by: SGAC *Mahmoud Adel*

*the test results*



Comments by: SYSTRA

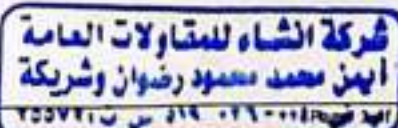
Pouring and concrete cubes are contractor and sgac consultant responsibility.

## APPROVAL STATUS

| Organisation             | Name           | Sign | Date       | A-AWC-R |
|--------------------------|----------------|------|------------|---------|
| Contractor               | م/ محمود شعبان |      | 28-12-2023 | A       |
| QA/QC                    | م/ محمود عادل  |      | 28-12-2023 | A       |
| GARB *                   | م/ مصطفى نجم   |      | 29-12-2023 | A       |
| Employers Representative | م/ محمد ماهر   |      | 20-2-24    | Awc     |

\* Alignment / Bridges: Culvert Only

A= Approved; AWC= Approved with Comments; R= Rejected





Quantity : 50 m³

Scanned with  
CamScanner

Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh  
Date of Report : 28-12-2023  
Report No. : 14  
Location : Diversion Channel Left  
Quantity : 13 m<sup>3</sup>

COMPRESSIVE STRENGTH RESULTS OF CUBE 15\*15\*15 CM CONCRETE SPECIMENS

Mix ID: C 250/350

| Casting    | Testing | Age<br>Days | Location                        | Weight<br>(gm) | AVG<br>Weight<br>(gm) | Density<br>(gm/cm <sup>3</sup> ) | Load<br>(k.N) | Strength<br>(Kg/cm <sup>2</sup> ) | Ave.<br>Strength<br>(Kg/cm <sup>2</sup> ) | Percentage<br>% |
|------------|---------|-------------|---------------------------------|----------------|-----------------------|----------------------------------|---------------|-----------------------------------|-------------------------------------------|-----------------|
|            |         |             |                                 |                |                       |                                  |               |                                   |                                           |                 |
| 21-12-2023 |         | 7           | St.<br>(457+600) :<br>(457+700) | 7993           | 8068                  | 2.39                             | 613           | 278                               | 277                                       | 111             |
|            |         |             |                                 | 8093           |                       |                                  | 590           | 267                               |                                           |                 |
|            |         |             |                                 | 8119           |                       |                                  | 631           | 286                               |                                           |                 |
|            |         |             |                                 |                |                       |                                  |               |                                   |                                           |                 |

Note: تم توريد المكعبات بواسطة العميل والعمل غير مسئول عن خيطة الاختبار أو مخالطة العينات

**CEL**  
مكتب محامل الاختبارات الهندسية  
المعامل الهندسي  
Signature / 219-277-286  
م. محمد عبد الله - 219-277-286

Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh  
Date of Report : 27-12-2023  
Report No. : 12  
Location : Diversion Channel Left  
Quantity : 55 m<sup>3</sup>

COMPRESSIVE STRENGTH RESULTS OF CUBE 15\*15\*15 CM CONCRETE SPECIMENS

Mix ID: C 250/350

| Casting    | Testing | Age<br>Days | Location                        | Weight<br>(gm) | AVG<br>Weight<br>(gm) | Density<br>(gm/cm <sup>3</sup> ) | Load<br>(k.N) | Strength<br>(Kg/cm <sup>2</sup> ) | Ave.<br>Strength<br>(Kg/cm <sup>2</sup> ) | Percentage<br>% |
|------------|---------|-------------|---------------------------------|----------------|-----------------------|----------------------------------|---------------|-----------------------------------|-------------------------------------------|-----------------|
|            |         |             |                                 | 8469           | 8500                  | 2.52                             | 559           | 253                               |                                           |                 |
| 20-12-2023 |         | 7           | St.<br>(457+600) :<br>(457+700) | 8544           |                       |                                  | 549           | 249                               | 259                                       | 104             |
|            |         |             |                                 | 8486           |                       |                                  | 607           | 275                               |                                           |                 |
|            |         |             |                                 |                |                       |                                  |               |                                   |                                           |                 |

Note: تم توريد المكعبات بواسطة العميل والمعمل غير مسئول عن كيفية أخذ أو معالجة العينات

**CEL**  
مكتب محاسن الاستشارات الهندسية  
Signature / ...  
مدير المختبر / 319/581-837  
مدير عام / 319/581-837



# Al-Fateh Ready Mix Concrete

Date: 20-12-2023

Time: 11:07:28

Client Name \ اسم العميل

انشاء

Mix Code \ اسم الخلطة

c250/350 القطر

Truck Number \ رقم السيارة

10

Driver Name \ اسم السائق

Mando

Number Of Batches \ عدد الباتشات

5

Quantity \ الكمية المطلوبة

7,000 M

Quantity/batch \ حجم الباتشة

1,800 M

|         | SAND1 | SAND2 | AGG2 | AGG1  | CEM1 | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|-------|------|------|------|------|-------|-------|------|
|         | 390   | 390   | 540  | 540   | 350  | 0    | 0    | 0    | 165   | 7.00  | 0.00 |
| Batches |       |       |      |       |      |      |      |      |       |       |      |
| 1       | 698   | 700   | 987  | 970   | 630  | 0    | 0    | 0    | 300   | 12.63 | 0.00 |
| 2       | 703   | 704   | 962  | 967   | 632  | 0    | 0    | 0    | 293   | 12.57 | 0.00 |
| 3       | 699   | 703   | 957  | 982   | 630  | 0    | 0    | 0    | 291   | 12.64 | 0.00 |
| 4       | 700   | 708   | 982  | 1013  | 630  | 0    | 0    | 0    | 305   | 12.64 | 0.00 |
| 5       | 714   | 695   | 975  | 890   | 628  | 0    | 0    | 0    | 294   | 12.39 | 0.00 |
| ACT     | 3514  | 3510  | 4863 | 4822  | 3150 | 0    | 0    | 0    | 1483  | 62.87 | 0.00 |
| TAR     | 3510  | 3510  | 4860 | 4860  | 3150 | 0    | 0    | 0    | 1485  | 63.00 | 0.00 |
| DIF     | 4     | 0     | 3    | -38   | 0    | 0    | 0    | 0    | -2    | -0.13 | 0.00 |
| Tolc %  | 0.11  | 0.00  | 0.06 | -0.78 | 0.00 | 0.00 | 0.00 | 0.00 | -0.13 | -0.21 | 0.00 |

2023-12-20-4746

# Al-Fateh Ready Mix Concrete

Date: 20/12/2023

Client Name:   
 اسم العميل

Mix Code:   
 اسم الخلطة

Truck Number:   
 رقم السيارة

Number Of Batches:   
 عدد البعثات

Driver Name:   
 اسم السائق

Mando:   
 القيادة

Quantity:   
 الكمية المطلوبة

Quantity/batch:   
 الكمية

|          | SAND1<br>390 | SAND2<br>390 | AGG1<br>540 | AGG2<br>540 | CEM1<br>350 | CEM2<br>0 | CEM3<br>0 | CEM4<br>0 | WATER<br>170 | ADDED<br>2.00 | ADDED<br>0.00 |
|----------|--------------|--------------|-------------|-------------|-------------|-----------|-----------|-----------|--------------|---------------|---------------|
| Batches: |              |              |             |             |             |           |           |           |              |               |               |
| 1        | 704          | 702          | 982         | 980         | 631         | 0         | 0         | 0         | 307          | 1.340         | 0.00          |
| 2        | 700          | 700          | 945         | 955         | 635         | 0         | 0         | 0         | 304          | 1.340         | 0.00          |
| 3        | 706          | 707          | 1100        | 984         | 632         | 0         | 0         | 0         | 314          | 1.340         | 0.00          |
| 4        | 697          | 698          | 777         | 970         | 631         | 0         | 0         | 0         | 285          | 1.340         | 0.00          |
| 5        | 714          | 708          | 1008        | 956         | 614         | 0         | 0         | 0         | 285          | 1.340         | 0.00          |
| AVG      | 352          | 351.2        | 451.4       | 450         | 252         | 0         | 0         | 0         | 130          | 1.340         | 0.00          |
| TOTAL    | 3510         | 3510         | 4509        | 4500        | 2510        | 0         | 0         | 0         | 1300         | 1.340         | 0.00          |
| DIFF     | 11           | 2            | -45         | 0           | 7           | 0         | 0         | 0         | -10          | 0.00          | 0.00          |
| Toler %  | 0.31         | 0.06         | -0.93       | 0.00        | 0.00        | 0.00      | 0.00      | 0.00      | -0.00        | 0.00          | 0.00          |

2023-12-20 17:25

## Al-Fateh Ready Mix Concrete

Date : 20-12-2023

Time : 12:37:02

Client Name \ اسم العميل  
نشاء

Mix Code \ اسم الخلطة  
c250/350

Truck Number \ رقم السيارة  
10

Driver Name \ اسم السائق  
Mando

Number Of Batches \ عدد البعثات  
5

Quantity \ الكمية المطلوبة  
9.000 M

Quantity/batch \ حجم البعثة  
1.800 M

|         | SAND1 | SAND2 | AGG2  | AGG1 | CEM1  | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|-------|------|-------|------|------|------|-------|-------|------|
|         | 390   | 390   | 540   | 540  | 350   | 0    | 0    | 0    | 165   | 7.00  | 0.00 |
| Batches |       |       |       |      |       |      |      |      |       |       |      |
| 1       | 708   | 706   | 971   | 979  | 629   | 0    | 0    | 0    | 300   | 13.26 | 0.00 |
| 2       | 690   | 698   | 943   | 955  | 628   | 0    | 0    | 0    | 292   | 11.77 | 0.00 |
| 3       | 701   | 708   | 1038  | 980  | 633   | 0    | 0    | 0    | 298   | 12.93 | 0.00 |
| 4       | 716   | 685   | 921   | 973  | 630   | 0    | 0    | 0    | 298   | 12.35 | 0.00 |
| 5       | 694   | 726   | 981   | 975  | 630   | 0    | 0    | 0    | 298   | 12.57 | 0.00 |
| ACT     | 3509  | 3523  | 4854  | 4862 | 3147  | 0    | 0    | 0    | 1486  | 62.88 | 0.00 |
| TAR     | 3510  | 3510  | 4860  | 4860 | 3150  | 0    | 0    | 0    | 1485  | 63.00 | 0.00 |
| DIF     | -1    | 13    | -6    | 2    | -3    | 0    | 0    | 0    | 1     | -0.12 | 0.00 |
| Tol %   | -0.03 | 0.37  | -0.12 | 0.04 | -0.11 | 0.00 | 0.00 | 0.00 | 0.07  | -0.19 | 0.00 |

2023-12-20-4750



# Al-Fateh Ready Mix Concrete

Date : 20-12-2023

Time : 13:09:48

Client Name \ اسم العميل

انشاء

Mix Code \ اسم الخلطة

c250/350

Truck Number \ رقم السيارة

10

Driver Name \ اسم السائق

Mando

Number Of Batches \ عدد الباتشات

5

Quantity \ الكمية المطلوبة

10.000 M

Quantity/batch \ حجم الباتشة

2.000 M

|         | SAND1 | SAND2 | AGG2 | AGG1  | CEM1 | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|-------|------|------|------|------|-------|-------|------|
|         | 390   | 390   | 540  | 540   | 350  | 0    | 0    | 0    | 165   | 7.00  | 0.00 |
| Batches |       |       |      |       |      |      |      |      |       |       |      |
| 1       | 802   | 771   | 1085 | 1119  | 710  | 0    | 0    | 0    | 330   | 14.00 | 0.00 |
| 2       | 754   | 794   | 1082 | 1046  | 691  | 0    | 0    | 0    | 330   | 13.87 | 0.00 |
| 3       | 762   | 772   | 1051 | 1080  | 701  | 0    | 0    | 0    | 322   | 14.14 | 0.00 |
| 4       | 810   | 789   | 1106 | 1059  | 700  | 0    | 0    | 0    | 339   | 14.18 | 0.00 |
| 5       | 759   | 776   | 1080 | 1033  | 701  | 0    | 0    | 0    | 331   | 13.69 | 0.00 |
| ACT     | 3887  | 3902  | 5404 | 5337  | 3503 | 0    | 0    | 0    | 1652  | 69.88 | 0.00 |
| TAR     | 3900  | 3900  | 5400 | 5400  | 3500 | 0    | 0    | 0    | 1650  | 70.00 | 0.00 |
| DIF     | -13   | 2     | 4    | -63   | 3    | 0    | 0    | 0    | 2     | -0.12 | 0.00 |
| Tote %  | -0.33 | 0.05  | 0.07 | -1.17 | 0.10 | 0.00 | 0.00 | 0.00 | 0.12  | -0.17 | 0.00 |

2023-12-20-4753

## 14

## Al-Fatch Ready Mix Concrete

Date: 25/2/2023

Client Name:   
 اسم العميل

Mix ratio:   
 نسبة الخلطة

1:2.50/3.50

Truck Number:   
 رقم الشاحنة

10

Driver Name:   
 اسم السائق

Morsho

Number Of Batches:   
 عدد الدفعات

5

Quantity:   
 الكمية المطلوبة

9 000 M<sup>3</sup>

Quantity batch:   
 الكمية بالدفعات

1 800 M<sup>3</sup>

|         | SAND1<br>(90) | SAND2<br>(300) | AGG2<br>(540) | AGG1<br>(540) | CFM1<br>(350) | CFM2<br>(0) | CFM3<br>(0) | CFM4<br>(0) | WATER<br>(100) | AT/BA<br>(0.000) | AT/BA<br>(0.000) |
|---------|---------------|----------------|---------------|---------------|---------------|-------------|-------------|-------------|----------------|------------------|------------------|
| Batches |               |                |               |               |               |             |             |             |                |                  |                  |
| 1       | 720           | 700            | 953           | 978           | 632           | 0           | 0           | 0           | 293            | 0.000            | 1.312            |
| 2       | 622           | 607            | 840           | 850           | 628           | 0           | 0           | 0           | 285            | 0.000            | 1.180            |
| 3       | 723           | 710            | 1020          | 990           | 624           | 0           | 0           | 0           | 263            | 0.000            | 1.210            |
| 4       | 696           | 650            | 890           | 950           | 635           | 0           | 0           | 0           | 292            | 0.000            | 1.210            |
| 5       | 690           | 700            | 967           | 970           | 670           | 0           | 0           | 0           | 280            | 0.000            | 1.210            |

|     |      |      |      |      |      |   |   |   |      |       |       |
|-----|------|------|------|------|------|---|---|---|------|-------|-------|
| W-1 | 1800 | 1817 | 4233 | 4250 | 1100 | 0 | 0 | 0 | 1120 | 0.000 | 1.210 |
| W-2 | 1810 | 1810 | 4800 | 4800 | 1100 | 0 | 0 | 0 | 1100 | 0.000 | 1.210 |
| W-3 | 1800 | 1800 | 4800 | 4800 | 1100 | 0 | 0 | 0 | 1100 | 0.000 | 1.210 |
| W-4 | 1800 | 1800 | 4800 | 4800 | 1100 | 0 | 0 | 0 | 1100 | 0.000 | 1.210 |
| W-5 | 1800 | 1800 | 4800 | 4800 | 1100 | 0 | 0 | 0 | 1100 | 0.000 | 1.210 |

2023/2/25 17:13



## Al-Fatch Ready Mix Concrete

Date: 21-12-2023

Time: 06:45:10

Client Name \ اسم العميل

الشماري

Mix Code \ اسم الخلطة

القطار 250/350

Truck Number \ رقم السيارة

10

Driver Name \ اسم السائق

Mansour

Number Of Batches \ عدد الباتشات

5

Quantity

الكمية المطلوبة

77700 kg

Quantity (m³)

770 m³

|         | SAND1 | SAND2 | AGG1  | AGG2 | CEMENT | CEMENT | CEMENT | CEMENT | WATER | AD    | AD   |
|---------|-------|-------|-------|------|--------|--------|--------|--------|-------|-------|------|
|         | 390   | 390   | 540   | 340  | 0      | 370    | 0      | 0      | 102   | 7.8   | 0.07 |
| Batches |       |       |       |      |        |        |        |        |       |       |      |
| 1       | 709   | 702   | 983   | 964  | 0      | 628    | 0      | 0      | 304   | 12.07 | 0.07 |
| 2       | 686   | 698   | 949   | 988  | 0      | 631    | 0      | 0      | 280   | 12.35 | 0.07 |
| 3       | 715   | 708   | 986   | 960  | 0      | 630    | 0      | 0      | 287   | 12.80 | 0.07 |
| 4       | 698   | 703   | 966   | 977  | 0      | 628    | 0      | 0      | 310   | 12.45 | 0.07 |
| 5       | 701   | 698   | 967   | 972  | 0      | 629    | 0      | 0      | 292   | 12.75 | 0.07 |
| AC 1    | 3509  | 3509  | 4851  | 4861 | 0      | 3146   | 0      | 0      | 1473  | 61.65 | 0.10 |
| TAR     | 3510  | 3510  | 4860  | 4860 | 0      | 3150   | 0      | 0      | 1483  | 61.80 | 0.10 |
| DIF     | -1    | -1    | -9    | 1    | 0      | -4     | 0      | 0      | -2    | 0.08  | 0.00 |
| Tol %   | -0.03 | -0.03 | -0.19 | 0.02 | 0.00   | -0.15  | 0.00   | 0.00   | -0.84 | 0.13  | 0.00 |

2023-12-21-17:58

# Al-Fateh Ready Mix Concrete

Date: 20-12-2023

Form: 017 (Rev. 04)

Client Name: اسم العميل

Mix Code: اسم الخلطة

c250/350

Truck Number: رقم الشاحنة

10

Driver Name: اسم السائق

Mundo

Number Of Batches: عدد الدفعات

5

Quantity: الكمية المطلوبة

9,000 M

Quantity/batch: كمية الدفعة

1,800 M

|          | SAND1 | SAND2 | AGG2 | AGG1 | CTM1 | CTM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|----------|-------|-------|------|------|------|------|------|------|-------|-------|------|
|          | 390   | 390   | 540  | 540  | 0    | 350  | 0    | 0    | 165   | 7.00  | 0.00 |
| Batches: |       |       |      |      |      |      |      |      |       |       |      |
| 1        | 709   | 701   | 972  | 983  | 0    | 629  | 0    | 0    | 298   | 12.63 | 0.00 |
| 2        | 693   | 700   | 975  | 943  | 0    | 628  | 0    | 0    | 294   | 12.71 | 0.00 |
| 3        | 712   | 705   | 951  | 1004 | 0    | 628  | 0    | 0    | 292   | 12.28 | 0.00 |
| 4        | 685   | 706   | 991  | 955  | 0    | 629  | 0    | 0    | 305   | 13.10 | 0.00 |
| 5        | 712   | 696   | 950  | 957  | 0    | 629  | 0    | 0    | 288   | 12.48 | 0.00 |

|         |      |      |      |      |   |      |      |      |      |       |      |
|---------|------|------|------|------|---|------|------|------|------|-------|------|
| AC1     | 3511 | 3508 | 4537 | 4841 | 0 | 1243 | 0    | 0    | 4372 | 62.90 | 0.00 |
| TAR     | 3510 | 3510 | 4506 | 4860 | 0 | 1150 | 0    | 0    | 4183 | 61.40 | 0.00 |
| DMF     | 1    | 2    | 2    | 19   | 0 | 0    | 0    | 0    | 8    | 4.10  | 0.00 |
| Totally | 3003 | 3006 | 4025 | 4099 | 0 | 2371 | 0.00 | 0.00 | 1374 | 50.18 | 0.00 |

355.17 (23.1%)

## Al-Fateh Ready Mix Concrete

Date: 21-12-2023

Time: 08:40:35

Client Name \ اسم العميل

شركة

Mix Code \ اسم الخلطة

الشار 2250/350

Truck Number \ رقم السيارة

10

Driver Name \ اسم السائق

Mando

Number Of Batches \ عدد الباتشات

5

Quantity

الكمية المخلوطة

0.000 M

Quantity/batch

الكمية

0.000 M

|         | SAND1 | SAND2 | AGG2  | AGG1 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | ADD1 | ADD2  |
|---------|-------|-------|-------|------|------|------|------|------|-------|------|-------|
|         | 390   | 390   | 540   | 540  | 0    | 350  | 0    | 0    | 160   | 0.00 | 0.00  |
| Batches |       |       |       |      |      |      |      |      |       |      |       |
| 1       | 708   | 700   | 976   | 974  | 0    | 629  | 0    | 0    | 290   | 0.00 | 10.73 |
| 2       | 697   | 699   | 949   | 976  | 0    | 630  | 0    | 0    | 284   | 0.00 | 10.95 |
| 3       | 699   | 701   | 1023  | 958  | 0    | 618  | 0    | 0    | 290   | 0.00 | 10.49 |
| 4       | 701   | 707   | 934   | 979  | 0    | 622  | 0    | 0    | 290   | 0.00 | 11.13 |
| 5       | 708   | 704   | 966   | 978  | 0    | 635  | 0    | 0    | 285   | 0.00 | 10.84 |
| ACT     | 3513  | 3511  | 4848  | 4865 | 0    | 3154 | 0    | 0    | 1439  | 0.00 | 54.16 |
| TAR     | 3510  | 3510  | 4860  | 4860 | 0    | 3130 | 0    | 0    | 1440  | 0.00 | 54.30 |
| DIFF    | 3     | 1     | -12   | 5    | 0    | 24   | 0    | 0    | -1    | 0.00 | -0.14 |
| Tol %   | 0.09  | 0.03  | -0.25 | 0.10 | 0.00 | 0.75 | 0.00 | 0.00 | -0.07 | 0.00 | -0.26 |

21/12/2023 08:40:35



# Al-Fateh Ready Mix Concrete

Date: 21-12-2023

Time: 09:28:32

Client Name \ اسم العميل

انشاء

Mix Code \ اسم الخلطة

c250/350 القطار

Truck Number \ رقم السيارة

10

Driver Name \ اسم السائق

Mando

Number Of Batches \ عدد البعثات

5

Quantity \ كمية المطلوبة

9,000 M<sup>3</sup>

Quantity/batch \ حجم البعثة

1800 M<sup>3</sup>

|         | SAND1<br>380 | SAND2<br>380 | AGG2<br>540 | AGG1<br>540 | CEM1<br>0 | CEM2<br>350 | CEM3<br>0 | CEM4<br>0 | WATER<br>100 | ADDA<br>0.40 | ADDF<br>0.00 |
|---------|--------------|--------------|-------------|-------------|-----------|-------------|-----------|-----------|--------------|--------------|--------------|
| Batches |              |              |             |             |           |             |           |           |              |              |              |
| 1       | 696          | 697          | 958         | 972         | 0         | 620         | 0         | 0         | 291          | 12.78        | 0.00         |
| 2       | 704          | 705          | 996         | 967         | 0         | 628         | 0         | 0         | 297          | 12.75        | 0.00         |
| 3       | 706          | 700          | 979         | 986         | 0         | 627         | 0         | 0         | 278          | 12.58        | 0.00         |
| 4       | 706          | 706          | 962         | 967         | 0         | 624         | 0         | 0         | 292          | 12.55        | 0.00         |
| 5       | 698          | 702          | 923         | 965         | 0         | 630         | 0         | 0         | 291          | 12.65        | 0.00         |
| ACT     | 3510         | 3510         | 4818        | 4857        | 0         | 3138        | 0         | 0         | 1439         | 63.07        | 0.00         |
| TAR     | 3510         | 3510         | 4860        | 4860        | 0         | 3150        | 0         | 0         | 1440         | 63.00        | 0.00         |
| DIF     | 0            | 0            | -42         | -3          | 0         | -12         | 0         | 0         | -1           | 0.07         | 0.00         |
| Tolc %  | 0.00         | 0.00         | -0.86       | -0.06       | 0.00      | -0.44       | 0.00      | 0.00      | -0.07        | 0.11         | 0.00         |

2023-12-21-4795

## Al-Fateh Ready Mix Concrete

Date: 21-12-2023

Time: 10:27:32

Client Name \ اسم العميل

شاه

Mix Code \ اسم الخلطة

القنار 250/350

Truck Number \ رقم السيارة

10

Driver Name \ اسم السائق

Mando

Number Of Batches \ عدد البعثات

5

Quantity \ كمية الخرسانة

1000 M<sup>3</sup>

Quantity / batch \ كمية الخرسانة

1000 M<sup>3</sup>

|         | SAND1 | SAND2 | AGG2 | AGG1 | CEM1 | CEM2  | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|------|------|-------|------|------|-------|-------|------|
|         | 390   | 390   | 540  | 540  | 0    | 350   | 0    | 0    | 160   | 7.30  | 0.00 |
| Batches |       |       |      |      |      |       |      |      |       |       |      |
| 1       | 701   | 701   | 992  | 980  | 0    | 631   | 0    | 0    | 288   | 12.78 | 0.00 |
| 2       | 704   | 705   | 911  | 951  | 0    | 629   | 0    | 0    | 285   | 12.24 | 0.00 |
| 3       | 713   | 699   | 1049 | 951  | 0    | 630   | 0    | 0    | 286   | 12.92 | 0.00 |
| 4       | 701   | 703   | 913  | 994  | 0    | 627   | 0    | 0    | 292   | 12.51 | 0.00 |
| 5       | 651   | 704   | 1046 | 1040 | 0    | 630   | 0    | 0    | 281   | 12.86 | 0.00 |
| ACT     | 3470  | 3512  | 4911 | 4916 | 0    | 3147  | 0    | 0    | 1432  | 63.11 | 0.00 |
| TAR     | 3510  | 3510  | 4860 | 4860 | 0    | 3150  | 0    | 0    | 1410  | 63.00 | 0.00 |
| DIF     | -40   | 2     | 51   | 56   | 0    | -3    | 0    | 0    | -8    | 0.11  | 0.00 |
| Tolc %  | -1.14 | 0.06  | 1.05 | 1.15 | 0.00 | -0.11 | 0.00 | 0.00 | -0.56 | 0.17  | 0.00 |

202-12-21-4799

# Al-Fateh Ready Mix Concrete

Date : 21-12-2023

Time : 09:28:32

Client Name \ اسم العميل  
انشاء

Mix Code \ اسم الخلطة  
c250/350 القطر

Truck Number \ رقم السيارة  
10

Driver Name \ اسم السائق  
Mando

Number Of Batches \ عدد الباتشات  
5

Quantity \ الكمية المطلوبة  
9,000 M

Quantity/batch \ حجم الباتشة  
1,800 M

|         | SAND1 | SAND2 | AGG2  | AGG1  | CEM1 | CEM2  | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|-------|-------|------|-------|------|------|-------|-------|------|
| Batches | 390   | 390   | 540   | 540   | 0    | 350   | 0    | 0    | 160   | 7.00  | 0.00 |
| 1       | 696   | 697   | 958   | 972   | 0    | 629   | 0    | 0    | 291   | 12.58 | 0.00 |
| 2       | 704   | 705   | 996   | 967   | 0    | 630   | 0    | 0    | 287   | 12.71 | 0.00 |
| 3       | 706   | 700   | 979   | 986   | 0    | 628   | 0    | 0    | 278   | 12.58 | 0.00 |
| 4       | 706   | 706   | 962   | 967   | 0    | 625   | 0    | 0    | 292   | 12.55 | 0.00 |
| 5       | 698   | 702   | 923   | 965   | 0    | 626   | 0    | 0    | 291   | 12.65 | 0.00 |
| ACT     | 3510  | 3510  | 4818  | 4857  | 0    | 3138  | 0    | 0    | 1439  | 63.07 | 0.00 |
| TAR     | 3510  | 3510  | 4860  | 4850  | 0    | 3150  | 0    | 0    | 1440  | 63.00 | 0.00 |
| DIF     | 0     | 0     | -42   | -3    | 0    | -12   | 0    | 0    | -1    | 0.07  | 0.00 |
| Tote %  | 0.00  | 0.00  | -0.86 | -0.06 | 0.00 | -0.44 | 0.00 | 0.00 | -0.07 | 0.11  | 0.00 |

2023-12-21



## Al-Fatch Ready Mix Concrete

Date : 21-12-2023

Time : 14:30:08

Client Name \ اسم العميل  
انشاء

Mix Code \ اسم الخلطة  
c250/350 القطار

Truck Number \ رقم السيارة  
10

Driver Name \ اسم السائق  
Mando

Number Of Batches \ عدد الباتشات  
5

Quantity \ الكمية المطلوبة  
9 000 M

Quantity/batch \ حجم الباتشة  
1 800 M

|         | SAND1 | SAND2 | AGG2 | AGG1 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|------|------|------|------|------|-------|-------|------|
|         | 390   | 390   | 540  | 540  | 0    | 350  | 0    | 0    | 160   | 7.00  | 0.00 |
| Batches |       |       |      |      |      |      |      |      |       |       |      |
| 1       | 705   | 687   | 987  | 976  | 0    | 631  | 0    | 0    | 290   | 13.35 | 0.00 |
| 2       | 694   | 717   | 948  | 967  | 0    | 628  | 0    | 0    | 287   | 11.88 | 0.00 |
| 3       | 730   | 708   | 978  | 974  | 0    | 630  | 0    | 0    | 288   | 12.37 | 0.00 |
| 4       | 666   | 698   | 1026 | 963  | 0    | 631  | 0    | 0    | 287   | 13.17 | 0.00 |
| 5       | 723   | 697   | 946  | 1083 | 0    | 631  | 0    | 0    | 288   | 12.01 | 0.00 |
| ACT     | 3518  | 3507  | 4885 | 4963 | 0    | 3151 | 0    | 0    | 1440  | 62.78 | 0.00 |
| TAR     | 3510  | 3510  | 4860 | 4860 | 0    | 3150 | 0    | 0    | 1440  | 63.00 | 0.00 |
| DIF     | 8     | -3    | 25   | 103  | 0    | 1    | 0    | 0    | 0     | -0.22 | 0.00 |
| Tolc %  | 0.23  | -0.09 | 0.51 | 2.12 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00  | -0.35 | 0.00 |

2023-12-21-4816

# Submission Review and Comment Sheet



## REVIEW NOTICE

|                     |                                           |                   |                       |
|---------------------|-------------------------------------------|-------------------|-----------------------|
| RCS Number          |                                           |                   |                       |
| Transmittal Date    | 06-09-2023                                | Receiving Date    | 06-09-2023            |
| Transmittal No      |                                           | Document Number   |                       |
| Contractor Name     | INSHAA GENERAL CONSTRUCTION               | Document Revision |                       |
| Designer            | EL NIL                                    | Location          | KP 457+600 TO 461+200 |
| Transmittal Subject | PREQUALIFICATION FOR AL FATEH BATCH PLANT |                   |                       |
| Document Title      |                                           |                   |                       |

The following Notes apply to this Review:

- The Contractor may include many documents in one submission (Transmittal form) however where possible, it is ER policy to reply individually to each listed submitted document.
- If appropriate, ER may respond to many documents received on one submission (Transmittal Form) where one response will be applied to the entire submission package.
- Document number shall be a document in the transmission list (usually the first number listed)
- This Review comments comprises all of the pages listed in the footer below
- The Review Notice Status shown below applies to all documents described in the Comments Sheet
- Major (M) classified comments are issued when the referenced document submission fails to meet or describe a requirement in respect of how the submission requirement is organised, implemented or maintained and without correction will introduce a major risk and will jeopardise the effectiveness of the submission if implemented
- Minor (m) classified comments are issued when the referenced document submission fails to meet or describe a requirement in respect of how the submission requirement is organised, implemented or maintained and without correction may jeopardise the effectiveness of the submission.
- The Contractor must state if their response to ER Comments have been Incorporated (I) into a revised document or, shall not be incorporated (NI) as described
- Any ASCII character may be used to denote data entry into the fields for M, m, I or NI
- Unresolved comments shall be incremented by a decimal index and all comments shall remain open until the subject is resolved

|                             |                        |
|-----------------------------|------------------------|
| STATUS OF THE REVIEW NOTICE | APPROVED WITH COMMENTS |
|-----------------------------|------------------------|

### Status Legend

| Status                  | Meaning                                                                         |
|-------------------------|---------------------------------------------------------------------------------|
| APPROVED                | No objection to proceed                                                         |
| APPROVED WITH COMMENTS  | No objection if the Contractor incorporates comments and resubmits for approval |
| REJECTED                | Revise and resubmit after fulfilling the comments                               |
| RECEIPT FOR INFORMATION | ER receipt only no action required                                              |

The status given by the Employer's Representative /General Consultant for this submission does not exonerate or relieve the Contractor from any obligation or liability hereunder. Each such status is given in reliance upon, and subject to the performance by the Contractor of its Works in accordance with and pursuant to the terms, covenants, provisions and conditions of its Contract. Without limitation to the generality of the foregoing, neither the review nor the Approved status of any submittal or portion thereof by the Employer's Representative / General Consultant shall relieve the Contractor of any of its responsibilities whatsoever for the accuracy or integrity of the submittal, or the ability of the Contractor to meet any conditions specified in the submittal. While Employer's Representative / General Consultant retains rights of Approval for all submittals, the areas in which it retains Approved rights is limited to the Employer's Representative / General Consultant scope of work, for the information provided by the Contractor.

# SUBMISSION OF DOCUMENTS



## Green Line

|                                                                |                              |                       |          |                  |          |
|----------------------------------------------------------------|------------------------------|-----------------------|----------|------------------|----------|
| Location Name                                                  |                              | Contractor Company    |          | Designer Company |          |
| Kp 475+600-458+800<br>Kp 458+800-460+600<br>Kp 460+600-461+200 |                              | انشاء للمقالات العامة |          | sgac             |          |
| Contractor<br>ISSUED                                           | Name                         | Sign                  | Date     | Designation      |          |
|                                                                | Eng: mahmoud shaban<br>ahmed | محمود شهاب احمد       | 6/9/2023 |                  |          |
| Contractor<br>Reference                                        |                              |                       |          |                  | Revision |

NB: Package 1 Only (Package 2 via Aconex)

### THE FOLLOWING DOCUMENTS ARE ATTACHED FOR REVIEW

| Item | Document No     | Revision | Title            | Number<br>Sheets |
|------|-----------------|----------|------------------|------------------|
| 1    | The batch plant |          | AL FATAH batch - |                  |
| 2    | approved before |          | Plant.           |                  |
| 3    | for AL NOBY co. |          |                  |                  |
| 6    |                 |          |                  |                  |
| 7    |                 |          |                  |                  |
| 8    |                 |          |                  |                  |
| 9    |                 |          |                  |                  |

|                       |                                   |      |                                                 |                                   |
|-----------------------|-----------------------------------|------|-------------------------------------------------|-----------------------------------|
| Designer<br>RECEIPT   | Name                              | Sign | Designation                                     | Date                              |
|                       | m-Negm                            |      |                                                 |                                   |
| Designer<br>Reference |                                   |      |                                                 | Revision                          |
| Designer Comments:    |                                   |      |                                                 |                                   |
|                       |                                   |      |                                                 |                                   |
| Designer Status       | Approved <input type="checkbox"/> |      | Approved with Comments <input type="checkbox"/> | Rejected <input type="checkbox"/> |
| Designer<br>REPLY     | Name                              | Sign | Date                                            | Designation                       |
|                       |                                   |      |                                                 |                                   |

#### Note:

- Response from the Designer is not mandatory for every submission, but may be necessary for previously approved design related subjects
- Response to Contractor's Submission by the Employers Representative (ER) shall be by Letter and Review and Comment Sheet (RCS) with any comments attached and the status of approval
- Receipt of Submission via EDMS will not be signed by ER







Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh  
Date of Report : 07-01-2024  
Report No. : 21  
Location : Diversion Channel Left  
Quantity : 54 m<sup>3</sup>

COMPRESSIVE STRENGTH RESULTS OF CUBE 15\*15\*15 CM CONCRETE SPECIMENS

Mix ID: C 250/350

| Date of    | Age      | Location |                                 | Weight | AVG         | Density               | Load  | Strength              | Ave.                           | Percentage |
|------------|----------|----------|---------------------------------|--------|-------------|-----------------------|-------|-----------------------|--------------------------------|------------|
| Casting    | Testing  | Days     |                                 | (gm)   | Weight (gm) | (gm/cm <sup>3</sup> ) | (k.N) | (Kg/cm <sup>2</sup> ) | Strength (Kg/cm <sup>2</sup> ) | %          |
| 31-12-2023 | 7-1-2024 | 7        | St.<br>(458+100) :<br>(458+240) | 8264   | 8260        | 2.45                  | 507   | 230                   | 232                            | 93         |
|            |          |          |                                 | 8277   |             |                       | 518   | 235                   |                                |            |
|            |          |          |                                 | 8239   |             |                       | 510   | 231                   |                                |            |

Note: تم تزويد المكعبات بواسطة العميل والمعمل غير مسئول عن خلطة الخرسانة أو معالجة العينات

مكتب معامل الاستشارات الهندسية  
المعامل الشمالي  
تم تصديق الحسابات بتاريخ 07/01/2024  
مدير عام 21  
Signature /



Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh  
Date of Report : 06-01-2024  
Report No. : 19  
Location : Diversion Channel Left  
Quantity : 50 m<sup>3</sup>

COMPRESSIVE STRENGTH RESULTS OF CUBE 15\*15\*15 CM CONCRETE SPECIMENS

Mix ID: C 250/350

| Date of    |          | Age  | Location                        |  | Weight | AVG         | Density               | Load  | Strength              | Ave.                           | Percentage |
|------------|----------|------|---------------------------------|--|--------|-------------|-----------------------|-------|-----------------------|--------------------------------|------------|
| Casting    | Testing  | Days |                                 |  | (gm)   | Weight (gm) | (gm/cm <sup>3</sup> ) | (k.N) | (Kg/cm <sup>2</sup> ) | Strength (Kg/cm <sup>2</sup> ) | %          |
| 30-12-2023 | 6-1-2024 | 7    | St.<br>(458+100) :<br>(458+240) |  | 8263   | 8245        | 2.44                  | 530   | 240                   | 232                            | 93         |
|            |          |      |                                 |  | 8242   |             |                       | 509   | 231                   |                                |            |
|            |          |      |                                 |  | 8229   |             |                       | 499   | 226                   |                                |            |

Note: تم توريد المكعبات بواسطة العميل والعمل غير مسئول عن كيفية معالجة العينات

**CEL**  
مكتب الاستشارات الهندسية  
المعامل التجريبية  
بمصر  
Signature / .....  
تم تصديقها من قبل المهندس: د. محمد عبد الله - د. محمد عبد الله

**شركة**  
**إي.جى.سي. إنشاز**  
Inshaa General Construction

Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh  
Date of Report : 06-01-2024  
Report No. : 20  
Location : Diversion Channel Left  
Quantity : 22 m<sup>3</sup>

COMPRESSIVE STRENGTH RESULTS OF CUBE 15\*15\*15 CM CONCRETE SPECIMENS

Mix ID: C 250/350

| Date of    | Age      | Location | Weight (gm)          | AVG Weight (gm)                 | Density (gm/cm <sup>3</sup> ) | Load (k.N) | Strength (Kg/cm <sup>2</sup> ) | Ave. Strength (Kg/cm <sup>2</sup> ) | Percentage % |
|------------|----------|----------|----------------------|---------------------------------|-------------------------------|------------|--------------------------------|-------------------------------------|--------------|
| Casting    | Testing  | Days     | 7                    | St.<br>(458+100) :<br>(458+240) | 8237                          | 2.44       | 512<br>526<br>539              | 232<br>238<br>244                   | 238          |
|            |          |          |                      |                                 |                               |            |                                |                                     |              |
|            |          |          |                      |                                 |                               |            |                                |                                     |              |
| 30-12-2023 | 6-1-2024 | 7        | 8255<br>8215<br>8240 |                                 |                               |            |                                |                                     | 95           |

Note: تم تزويد المكعبات بواسطة العميل والمعمل غير مسئول عن كفاءة هذه المكعبات الخرسانية

مكتب محامل الاستشارات الهندسية  
المحامل العامرية  
بمبنى الخدمات رقم 17 - طابق 3  
شركة إينشاه جينرال كونستراكتيون  
Signature





# Al-Fateh Ready Mix Concrete

Date : 30-12-2023

Time : 07:31:31



Client Name \ اسم العميل

انشاء

Mix Code \ اسم الخلطة

c250/350

Truck Number \ رقم السيارة

10

Driver Name \ اسم السائق

Mando

Number Of Batches \ عدد الباشات

5

Quantity \ الكمية المطلوبة

9.000 M

Quantity/batch \ حجم الباشة

1.800 M

|         | SAND1 | SAND2 | AGG2 | AGG1 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | S1    | ADD2 |
|---------|-------|-------|------|------|------|------|------|------|-------|-------|------|
|         | 390   | 390   | 530  | 530  | 350  | 0    | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |      |      |      |      |      |      |       |       |      |
| 1       | 708   | 699   | 962  | 954  | 629  | 0    | 0    | 0    | 307   | 12.71 | 0.00 |
| 2       | 703   | 707   | 944  | 955  | 631  | 0    | 0    | 0    | 306   | 12.23 | 0.00 |
| 3       | 691   | 703   | 935  | 953  | 631  | 0    | 0    | 0    | 305   | 12.89 | 0.00 |
| 4       | 712   | 692   | 972  | 947  | 628  | 0    | 0    | 0    | 305   | 12.57 | 0.00 |
| 5       | 686   | 712   | 964  | 964  | 633  | 0    | 0    | 0    | 309   | 12.87 | 0.00 |
| ACT     | 3500  | 3513  | 4777 | 4773 | 3152 | 0    | 0    | 0    | 1532  | 63.27 | 0.00 |
| TAR     | 3510  | 3510  | 4770 | 4770 | 3150 | 0    | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF     | -10   | 3     | 7    | 3    | 2    | 0    | 0    | 0    | 2     | 0.27  | 0.00 |
| Tole %  | -0.28 | 0.09  | 0.15 | 0.06 | 0.06 | 0.00 | 0.00 | 0.00 | 0.13  | 0.43  | 0.00 |

2023-12-30-5030

## Al-Fateh Ready Mix Concrete

Date : 30-12-2023

Time : 08:20:56

Client Name \ اسم العميل

انشاء

Mix Code \ اسم الخلطة

c250/350

Truck Number \ رقم السيارة

10

Number Of Batches \ عدد الباتشات

5

Driver Name \ اسم السائق

Mando

Quantity \ الكمية المطلوبة

9.000 M

Quantity/batch \ حجم الباتشة

1.800 M



|         | SAND1 | SAND2 | AGG2 | AGG1  | CEM1  | CEM2 | CEM3 | CEM4 | WATER | ADD1 | ADD2  |
|---------|-------|-------|------|-------|-------|------|------|------|-------|------|-------|
|         | 390   | 390   | 530  | 530   | 350   | 0    | 0    | 0    | 170   | 0.00 | 7.00  |
| Batches |       |       |      |       |       |      |      |      |       |      |       |
| 1       | 702   | 698   | 962  | 966   | 631   | 0    | 0    | 0    | 326   | 0.00 | 12.68 |
| 2       | 703   | 702   | 919  | 933   | 627   | 0    | 0    | 0    | 321   | 0.00 | 12.52 |
| 3       | 691   | 709   | 1004 | 964   | 634   | 0    | 0    | 0    | 290   | 0.00 | 12.69 |
| 4       | 721   | 702   | 929  | 952   | 627   | 0    | 0    | 0    | 304   | 0.00 | 12.39 |
| 5       | 697   | 695   | 957  | 950   | 628   | 0    | 0    | 0    | 307   | 0.00 | 12.81 |
| ACT     | 3514  | 3506  | 4771 | 4765  | 3147  | 0    | 0    | 0    | 1548  | 0.00 | 63.09 |
| TAR     | 3510  | 3510  | 4770 | 4770  | 3150  | 0    | 0    | 0    | 1530  | 0.00 | 63.00 |
| DIF     | 4     | -4    | 1    | -5    | -3    | 0    | 0    | 0    | 18    | 0.00 | 0.09  |
| Tole %  | 0.11  | -0.11 | 0.02 | -0.10 | -0.10 | 0.00 | 0.00 | 0.00 | 1.18  | 0.00 | 0.14  |

2023-12-30-5033

# Al-Fateh Ready Mix Concrete

Date : 30-12-2023

Time : 10:31:16



Client Name \ اسم العميل  
انشاء

Mix Code \ اسم الخلطة  
القطار c250/350

Truck Number \ رقم السيارة  
10

Driver Name \ اسم السائق  
Mando

Number Of Batches \ عدد الباشات  
5

Quantity \ الكمية المطلوبة  
9.000 M

Quantity/batch \ حجم الباشة  
1.800 M

|         | SAND1<br>390 | SAND2<br>390 | AGG2<br>530 | AGG1<br>530 | CEM1<br>350 | CEM2<br>0 | CEM3<br>0 | CEM4<br>0 | WATER<br>170 | ADD1<br>7.00 | ADD2<br>0.00 |
|---------|--------------|--------------|-------------|-------------|-------------|-----------|-----------|-----------|--------------|--------------|--------------|
| Batches |              |              |             |             |             |           |           |           |              |              |              |
| 1       | 702          | 697          | 943         | 949         | 626         | 0         | 0         | 0         | 307          | 12.52        | 0.00         |
| 2       | 703          | 705          | 967         | 964         | 635         | 0         | 0         | 0         | 304          | 12.84        | 0.00         |
| 3       | 705          | 705          | 960         | 948         | 629         | 0         | 0         | 0         | 307          | 12.23        | 0.00         |
| 4       | 692          | 700          | 935         | 948         | 630         | 0         | 0         | 0         | 310          | 12.72        | 0.00         |
| 5       | 711          | 701          | 963         | 968         | 628         | 0         | 0         | 0         | 296          | 12.67        | 0.00         |
| ACT     | 3513         | 3508         | 4768        | 4777        | 3148        | 0         | 0         | 0         | 1524         | 62.98        | 0.00         |
| TAR     | 3510         | 3510         | 4770        | 4770        | 3150        | 0         | 0         | 0         | 1530         | 63.00        | 0.00         |
| DIF     | 3            | -2           | -2          | 7           | -2          | 0         | 0         | 0         | -6           | -0.02        | 0.00         |
| Tole %  | 0.09         | -0.06        | -0.04       | 0.15        | -0.06       | 0.00      | 0.00      | 0.00      | -0.39        | -0.03        | 0.00         |

2023-12-30-5037



# Al-Fateh Ready Mix Concrete

Date : 30-12-2023

Time : 11:06:37

Client Name \ اسم العميل

انشاء

Mix Code \ اسم الخلطة

c250/350

Truck Number \ رقم السيارة

10

Number Of Batches \ عدد الباتشات

5

Driver Name \ اسم السائق

Mando

Quantity \ الكمية المطلوبة

9.000 M

Quantity/batch \ حجم الباتشة

1.800 M

|         | SAND1 | SAND2 | AGG2 | AGG1 | CEM1  | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|------|-------|------|------|------|-------|-------|------|
|         | 390   | 390   | 530  | 530  | 350   | 0    | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |      |      |       |      |      |      |       |       |      |
| 1       | 704   | 698   | 946  | 947  | 638   | 0    | 0    | 0    | 308   | 12.61 | 0.00 |
| 2       | 695   | 706   | 958  | 971  | 620   | 0    | 0    | 0    | 303   | 12.42 | 0.00 |
| 3       | 719   | 705   | 979  | 942  | 628   | 0    | 0    | 0    | 305   | 13.03 | 0.00 |
| 4       | 678   | 703   | 927  | 955  | 634   | 0    | 0    | 0    | 306   | 12.09 | 0.00 |
| 5       | 715   | 689   | 966  | 960  | 628   | 0    | 0    | 0    | 307   | 12.93 | 0.00 |
| ACT     | 3511  | 3501  | 4776 | 4775 | 3148  | 0    | 0    | 0    | 1529  | 63.08 | 0.00 |
| TAR     | 3510  | 3510  | 4770 | 4770 | 3150  | 0    | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF     | 1     | -9    | 6    | 5    | -2    | 0    | 0    | 0    | -1    | 0.08  | 0.00 |
| Tole %  | 0.03  | -0.26 | 0.13 | 0.10 | -0.06 | 0.00 | 0.00 | 0.00 | -0.07 | 0.13  | 0.00 |

2023-12-30-5039



# Al-Fateh Ready Mix Concrete

Date : 30-12-2023

Time : 11:00



Client Name \ اسم العميل

انشاء

Mix Code \ اسم الخلطة

c250/350

Truck Number \ رقم السيارة

10

Driver Name \ اسم السائق

Mando

Number Of Batches \ عدد البشات

5

Quantity \ الكمية المطلوبة

9.000 M

Quantity/batch \ حجم البشة

1.800 M

|         | SAND1 | SAND2 | AGG2 | AGG1  | CEM1  | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|-------|-------|------|------|------|-------|-------|------|
|         | 390   | 390   | 530  | 530   | 350   | 0    | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |      |       |       |      |      |      |       |       |      |
| 1       | 694   | 701   | 953  | 957   | 630   | 0    | 0    | 0    | 309   | 12.61 | 0.00 |
| 2       | 712   | 696   | 946  | 954   | 632   | 0    | 0    | 0    | 305   | 12.66 | 0.00 |
| 3       | 695   | 713   | 967  | 947   | 626   | 0    | 0    | 0    | 296   | 12.22 | 0.00 |
| 4       | 706   | 698   | 939  | 958   | 631   | 0    | 0    | 0    | 313   | 13.13 | 0.00 |
| 5       | 701   | 691   | 970  | 946   | 629   | 0    | 0    | 0    | 308   | 12.31 | 0.00 |
| ACT     | 3508  | 3499  | 4775 | 4762  | 3148  | 0    | 0    | 0    | 1531  | 62.93 | 0.00 |
| TAR     | 3510  | 3510  | 4770 | 4770  | 3150  | 0    | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF     | -2    | -11   | 5    | -8    | -2    | 0    | 0    | 0    | 1     | -0.07 | 0.00 |
| Tole %  | -0.06 | -0.31 | 0.10 | -0.17 | -0.06 | 0.00 | 0.00 | 0.00 | 0.07  | -0.11 | 0.00 |

2023-12-30-5041

## Al-Fateh Ready Mix Concrete

Date : 30-12-2023

Time : 11:50:54

Client Name \ اسم العميل

انشاء

Mix Code \ اسم الخلطة

c250/350 القطر

Truck Number \ رقم السيارة

10

Driver Name \ اسم السائق

Mando

Number Of Batches \ عدد الباتشات

5

Quantity \ الكمية المطلوبة

9.000 M

Quantity/batch \ حجم الباتشة

1.800 M

|         | SAND1<br>390 | SAND2<br>390 | AGG2<br>530 | AGG1<br>530 | CEM1<br>350 | CEM2<br>0 | CEM3<br>0 | CEM4<br>0 | WATER<br>170 | ADD1<br>7.00 | ADD2<br>0.00 |
|---------|--------------|--------------|-------------|-------------|-------------|-----------|-----------|-----------|--------------|--------------|--------------|
| Batches |              |              |             |             |             |           |           |           |              |              |              |
| 1       | 704          | 698          | 959         | 951         | 634         | 0         | 0         | 0         | 308          | 12.60        | 0.00         |
| 2       | 688          | 706          | 933         | 957         | 627         | 0         | 0         | 0         | 293          | 12.43        | 0.00         |
| 3       | 721          | 703          | 968         | 956         | 632         | 0         | 0         | 0         | 315          | 13.20        | 0.00         |
| 4       | 701          | 695          | 995         | 958         | 635         | 0         | 0         | 0         | 308          | 11.85        | 0.00         |
| 5       | 695          | 711          | 897         | 951         | 635         | 0         | 0         | 0         | 307          | 13.34        | 0.00         |
| ACT     | 3509         | 3513         | 4752        | 4773        | 3154        | 0         | 0         | 0         | 1531         | 63.42        | 0.00         |
| TAR     | 3510         | 3510         | 4770        | 4770        | 3150        | 0         | 0         | 0         | 1530         | 63.00        | 0.00         |
| DIF     | -1           | 3            | -18         | 3           | 4           | 0         | 0         | 0         | 1            | 0.42         | 0.00         |
| Tole %  | -0.03        | 0.09         | -0.38       | 0.06        | 0.13        | 0.00      | 0.00      | 0.00      | 0.07         | 0.67         | 0.00         |

2023-12-30-5042





# Al-Fateh Ready Mix Concrete

Date : 30-12-2023

Time : 13:41:47



Client Name \ اسم العميل

انشاء

Mix Code \ اسم الخلطة

c250/350

Truck Number \ رقم السيارة

10

Driver Name \ اسم السائق

Mando

Number Of Batches \ عدد الباشات

5

Quantity \ الكمية المطلوبة

9.000 M

Quantity/batch \ حجم الباشة

1.800 M

|         | SAND1<br>390 | SAND2<br>390 | AGG2<br>530 | AGG1<br>530 | CEM1<br>350 | CEM2<br>0 | CEM3<br>0 | CEM4<br>0 | WATER<br>170 | ADD1<br>7.00 | ADD2<br>0.00 |
|---------|--------------|--------------|-------------|-------------|-------------|-----------|-----------|-----------|--------------|--------------|--------------|
| Batches |              |              |             |             |             |           |           |           |              |              |              |
| 1       | 704          | 700          | 944         | 949         | 629         | 0         | 0         | 0         | 307          | 12.64        | 0.00         |
| 2       | 697          | 699          | 941         | 950         | 633         | 0         | 0         | 0         | 306          | 12.44        | 0.00         |
| 3       | 700          | 706          | 992         | 974         | 625         | 0         | 0         | 0         | 303          | 12.80        | 0.00         |
| 4       | 715          | 706          | 1021        | 943         | 630         | 0         | 0         | 0         | 305          | 12.53        | 0.00         |
| 5       | 701          | 702          | 777         | 945         | 636         | 0         | 0         | 0         | 311          | 12.45        | 0.00         |
| ACT     | 3517         | 3513         | 4675        | 4761        | 3154        | 0         | 0         | 0         | 1532         | 62.86        | 0.00         |
| TAR     | 3510         | 3510         | 4770        | 4770        | 3150        | 0         | 0         | 0         | 1530         | 63.00        | 0.00         |
| DIF     | 7            | 3            | -95         | -9          | 4           | 0         | 0         | 0         | 2            | -0.14        | 0.00         |
| Tole %  | 0.20         | 0.09         | -1.99       | -0.19       | 0.13        | 0.00      | 0.00      | 0.00      | 0.13         | -0.22        | 0.00         |

2023-12-30-5044

## Al-Fateh Ready Mix Concrete

Date : 30-12-2023

Time : 15:03:57

Client Name \ اسم العميل  
انشاء

Mix Code \ اسم الخلطة  
c250/350

Truck Number \ رقم السيارة  
10

Driver Name \ اسم السائق  
Mando

Number Of Batches \ عدد الباتشات  
5

Quantity \ الكمية المطلوبة  
9.000 M

Quantity/batch \ حجم الباتشة  
1.800 M

|         | SAND1 | SAND2 | AGG2 | AGG1  | CEM1 | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|-------|------|------|------|------|-------|-------|------|
|         | 390   | 390   | 530  | 530   | 350  | 0    | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |      |       |      |      |      |      |       |       |      |
| 1       | 699   | 702   | 952  | 958   | 630  | 0    | 0    | 0    | 307   | 12.65 | 0.00 |
| 2       | 707   | 696   | 962  | 952   | 633  | 0    | 0    | 0    | 306   | 12.40 | 0.00 |
| 3       | 704   | 709   | 948  | 957   | 627  | 0    | 0    | 0    | 303   | 12.70 | 0.00 |
| 4       | 692   | 700   | 951  | 949   | 630  | 0    | 0    | 0    | 307   | 12.71 | 0.00 |
| 5       | 704   | 700   | 958  | 947   | 631  | 0    | 0    | 0    | 307   | 12.57 | 0.00 |
| ACT     | 3506  | 3507  | 4771 | 4763  | 3151 | 0    | 0    | 0    | 1530  | 63.03 | 0.00 |
| TAR     | 3510  | 3510  | 4770 | 4770  | 3150 | 0    | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF     | -4    | -3    | 1    | -7    | 1    | 0    | 0    | 0    | 0     | 0.03  | 0.00 |
| Tole %  | -0.11 | -0.09 | 0.02 | -0.15 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00  | 0.05  | 0.00 |

2023-12-30-5050



## Al-Fateh Ready Mix Concrete

Date : 31-12-2023

Time : 08:41:58

Client Name \ اسم العميل

انشاء

Mix Code \ اسم الخلطة

c250/350

Truck Number \ رقم السيارة

10

Driver Name \ اسم السائق

Mando

Number Of Batches \ عدد الباتشات

5

Quantity \ الكمية المطلوبة

9.000 M

Quantity/batch \ حجم الباتشة

1.800 M

|         | SAND1 | SAND2 | AGG2 | AGG1  | CEM1  | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|-------|-------|------|------|------|-------|-------|------|
|         | 390   | 390   | 530  | 530   | 350   | 0    | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |      |       |       |      |      |      |       |       |      |
| 1       | 703   | 692   | 969  | 960   | 626   | 0    | 0    | 0    | 311   | 12.68 | 0.00 |
| 2       | 700   | 713   | 922  | 938   | 635   | 0    | 0    | 0    | 281   | 12.66 | 0.00 |
| 3       | 704   | 705   | 972  | 969   | 629   | 0    | 0    | 0    | 327   | 12.32 | 0.00 |
| 4       | 700   | 699   | 961  | 945   | 630   | 0    | 0    | 0    | 299   | 12.87 | 0.00 |
| 5       | 709   | 699   | 947  | 953   | 628   | 0    | 0    | 0    | 310   | 12.36 | 0.00 |
| ACT     | 3516  | 3508  | 4771 | 4765  | 3148  | 0    | 0    | 0    | 1528  | 62.89 | 0.00 |
| TAR     | 3510  | 3510  | 4770 | 4770  | 3150  | 0    | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF     | 6     | -2    | 1    | -5    | -2    | 0    | 0    | 0    | -2    | -0.11 | 0.00 |
| Tole %  | 0.17  | -0.06 | 0.02 | -0.10 | -0.06 | 0.00 | 0.00 | 0.00 | -0.13 | -0.17 | 0.00 |

2023-12-31-5096





## Al-Fateh Ready Mix Concrete

Date : 31-12-2023

Time : 08:58:33

Client Name \ اسم العميل

انشاء

Mix Code \ اسم الخلطة

القطار 250/350

Truck Number \ رقم السيارة

10

Number Of Batches \ عدد الباتشات

5

Quantity \ الكمية المطلوبة

9.000 M

Quantity/batch \ حجم الباتشة

1.800 M

|         | SAND1 | SAND2 | AGG2 | AGG1  | CEM1 | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|-------|------|------|------|------|-------|-------|------|
|         | 390   | 390   | 530  | 530   | 350  | 0    | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |      |       |      |      |      |      |       |       |      |
| 1       | 699   | 696   | 953  | 951   | 634  | 0    | 0    | 0    | 311   | 12.67 | 0.00 |
| 2       | 703   | 707   | 949  | 956   | 627  | 0    | 0    | 0    | 300   | 12.48 | 0.00 |
| 3       | 701   | 703   | 956  | 961   | 623  | 0    | 0    | 0    | 305   | 12.50 | 0.00 |
| 4       | 717   | 703   | 937  | 951   | 635  | 0    | 0    | 0    | 310   | 12.59 | 0.00 |
| 5       | 680   | 694   | 986  | 947   | 635  | 0    | 0    | 0    | 304   | 13.05 | 0.00 |
| ACT     | 3500  | 3503  | 4781 | 4766  | 3154 | 0    | 0    | 0    | 1530  | 63.29 | 0.00 |
| TAR     | 3510  | 3510  | 4770 | 4770  | 3150 | 0    | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF     | -10   | -7    | 11   | -4    | 4    | 0    | 0    | 0    | 0     | 0.29  | 0.00 |
| Tole %  | -0.28 | -0.20 | 0.23 | -0.08 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00  | 0.46  | 0.00 |

2023-12-31-5097



# AI-Fateh Ready Mix Concrete

Date : 31-12-2023

Time : 09:40:17

Client Name \ اسم العميل

انشاء

Mix Code \ اسم الخلطة

C250/350 القطار

Truck Number \ رقم السيارة

Driver Name \ اسم السائق

حسام حسن

Number Of Batches \ عدد البعثات

5

Quantity \ الكمية المطلوبة

9.000 M

Quantity/batch \ حجم البعثة

1.800 M

|         | SAND1 | SAND2 | AGG2 | AGG1 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | add1 | add2  |
|---------|-------|-------|------|------|------|------|------|------|-------|------|-------|
|         | 390   | 390   | 540  | 540  | 0    | 350  | 0    | 0    | 170   | 0.00 | 7.00  |
| Batches |       |       |      |      |      |      |      |      |       |      |       |
| 1       | 695   | 703   | 970  | 984  | 0    | 625  | 0    | 0    | 306   | 0.00 | 12.5  |
| 2       | 708   | 711   | 974  | 965  | 0    | 637  | 0    | 0    | 308   | 0.00 | 12.6  |
| 3       | 698   | 694   | 972  | 988  | 0    | 630  | 0    | 0    | 290   | 0.00 | 12.1  |
| 4       | 702   | 695   | 974  | 955  | 0    | 627  | 0    | 0    | 309   | 0.00 | 13.7  |
| 5       | 706   | 706   | 970  | 971  | 0    | 631  | 0    | 0    | 299   | 0.00 | 12.1  |
| ACT     | 3509  | 3509  | 4860 | 4863 | 0    | 3151 | 0    | 0    | 1512  | 0.00 | 63.00 |
| TAR     | 3510  | 3510  | 4860 | 4860 | 0    | 3150 | 0    | 0    | 1530  | 0.00 | 63.00 |
| DIF     | -1    | -1    | 0    | 3    | 0    | 1    | 0    | 0    | -18   | 0.00 | 0.00  |
| Tole %  | -0.03 | -0.03 | 0.00 | 0.06 | 0.00 | 0.03 | 0.00 | 0.00 | -1.18 | 0.00 | 0.00  |

31-12-2023

# شركة الفتح للخرسانة الجاهزة



Date : 31-12-2023

Time : 12:50:10

Client Name \ اسم العميل

Mix Code \ اسم الخلطة  
C250

Truck Number \ رقم السيارة

Driver Name \ اسم السائق  
باهي

Number Of Batches \ عدد البتلوات  
5

Quantity \ الكمية المطلوبة  
9.000 M

Quantity/batch \ حجم البتلوة  
1.800 M

|         | SAND1<br>380 | SAND2<br>380 | AGG2<br>540 | AGG1<br>540 | SRC<br>0 | CEM2<br>350 | CEM3<br>0 | CEM4<br>0 | WATER<br>170 | add1<br>0.00 | add2<br>7.00 |
|---------|--------------|--------------|-------------|-------------|----------|-------------|-----------|-----------|--------------|--------------|--------------|
| Batches |              |              |             |             |          |             |           |           |              |              |              |
| 1       | 673          | 676          | 970         | 988         | 0        | 631         | 0         | 0         | 306          | 0.00         | 12.6         |
| 2       | 690          | 689          | 975         | 965         | 0        | 629         | 0         | 0         | 301          | 0.00         | 12.1         |
| 3       | 666          | 686          | 970         | 971         | 0        | 636         | 0         | 0         | 309          | 0.00         | 13.1         |
| 4       | 694          | 683          | 973         | 955         | 0        | 626         | 0         | 0         | 308          | 0.00         | 12.5         |
| 5       | 697          | 685          | 972         | 984         | 0        | 628         | 0         | 0         | 306          | 0.00         | 12.7         |
| ACT     | 3420         | 3419         | 4860        | 4863        | 0        | 3150        | 0         | 0         | 1530         | 0.00         | 63.00        |
| TAR     | 3420         | 3420         | 4860        | 4860        | 0        | 3150        | 0         | 0         | 1530         | 0.00         | 63.00        |
| DIF     | 0            | -1           | 0           | 3           | 0        | 0           | 0         | 0         | 0            | 0            | 0            |
| Tole %  | 0.00         | -0.03        | 0.00        | 0.06        | 0.00     | 0.00        | 0.00      | 0.00      | 0.00         | 0.00         | 0.00         |

31-12-2023



# شركة الفتح للخرسانة الجاهزة



Date : 31-12-2023

Time : 13:40:10

Client Name \ اسم العميل  
انشاء

Mix Code \ اسم الخلطة  
C250

Truck Number \ رقم السيارة

Driver Name \ اسم السائق  
مسالم

Number Of Batches \ عدد البعثات  
5

Quantity \ الكمية المطلوبة  
9.000 M

Quantity/batch \ حجم البعثة  
1.800 M

|         | SAND1 | SAND2 | AGG2 | AGG1 | SRC  | CEM2  | CEM3 | CEM4 | WATER | add1 | add2  |
|---------|-------|-------|------|------|------|-------|------|------|-------|------|-------|
|         | 380   | 380   | 540  | 540  | 0    | 350   | 0    | 0    | 170   | 0.00 | 7.00  |
| Batches |       |       |      |      |      |       |      |      |       |      |       |
| 1       | 673   | 676   | 970  | 988  | 0    | 631   | 0    | 0    | 306   | 0.00 | 12.6  |
| 2       | 690   | 689   | 975  | 965  | 0    | 627   | 0    | 0    | 301   | 0.00 | 12.1  |
| 3       | 666   | 686   | 974  | 971  | 0    | 636   | 0    | 0    | 309   | 0.00 | 13.1  |
| 4       | 694   | 683   | 983  | 955  | 0    | 626   | 0    | 0    | 308   | 0.00 | 12.5  |
| 5       | 697   | 685   | 972  | 984  | 0    | 628   | 0    | 0    | 306   | 0.00 | 12.7  |
| ACT     | 3420  | 3419  | 4874 | 4863 | 0    | 3148  | 0    | 0    | 1530  | 0.00 | 63.00 |
| TAR     | 3420  | 3420  | 4860 | 4860 | 0    | 3150  | 0    | 0    | 1530  | 0.00 | 63.00 |
| DIF     | 0     | -1    | 14   | 3    | 0    | -2    | 0    | 0    | 0     | 0    | 0     |
| Tole %  | 0.00  | -0.03 | 0.29 | 0.06 | 0.00 | -0.06 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  |

31-12-2023

# AI-Fateh Ready Mix Concrete

Date : 31-12-2023

Time : 14:10:31

Client Name \ اسم العميل  
النشاء

Mix Code \ اسم الخلطة  
C250/350 القطار

Truck Number \ رقم السيارة

Driver Name \ اسم السائق  
حسام حسن

Quantity \ الكمية المطلوبة  
9.000 M

Quantity/batch \ حجم الباتشة  
1.800 M

|         | عدد الباتشات \ Number Of Batches |       |      |      |      |      |      |      |       |      |       |
|---------|----------------------------------|-------|------|------|------|------|------|------|-------|------|-------|
|         | 5                                |       |      |      |      |      |      |      |       |      |       |
|         | SAND1                            | SAND2 | AGG2 | AGG1 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | add1 | add2  |
|         | 390                              | 390   | 540  | 540  | 0    | 350  | 0    | 0    | 170   | 0.00 | 7.00  |
| Batches |                                  |       |      |      |      |      |      |      |       |      |       |
| 1       | 695                              | 703   | 983  | 984  | 0    | 627  | 0    | 0    | 306   | 0.00 | 13.7  |
| 2       | 708                              | 706   | 974  | 965  | 0    | 637  | 0    | 0    | 308   | 0.00 | 12.6  |
| 3       | 706                              | 694   | 972  | 955  | 0    | 630  | 0    | 0    | 305   | 0.00 | 12.1  |
| 4       | 702                              | 695   | 975  | 988  | 0    | 626  | 0    | 0    | 307   | 0.00 | 12.5  |
| 5       | 698                              | 711   | 970  | 971  | 0    | 631  | 0    | 0    | 302   | 0.00 | 12.1  |
| ACT     | 3509                             | 3509  | 4874 | 4863 | 0    | 3151 | 0    | 0    | 1528  | 0.00 | 63.00 |
| TAR     | 3510                             | 3510  | 4860 | 4860 | 0    | 3150 | 0    | 0    | 1530  | 0.00 | 63.00 |
| DIF     | -1                               | -1    | 14   | 3    | 0    | 1    | 0    | 0    | -2    | 0    | 0     |
| Tole %  | -0.03                            | -0.03 | 0.29 | 0.06 | 0.00 | 0.03 | 0.00 | 0.00 | -0.13 | 0.00 | 0.00  |

31-12-2023



# Submission Review and Comment Sheet



## REVIEW NOTICE

|                     |                                           |                   |                       |
|---------------------|-------------------------------------------|-------------------|-----------------------|
| RCS Number          |                                           |                   |                       |
| Transmittal Date    | 06-09-2023                                | Receiving Date    | 06-09-2023            |
| Transmittal No      |                                           | Document Number   |                       |
| Contractor Name     | INSHAA GENERAL CONSTRUCTION               | Document Revision |                       |
| Designer            | EL NIL                                    | Location          | KP 457+600 TO 461+200 |
| Transmittal Subject | PREQUALIFICATION FOR AL FATEH BATCH PLANT |                   |                       |
| Document Title      |                                           |                   |                       |

The following Notes apply to this Review:

- The Contractor may include many documents in one submission (Transmittal form) however where possible, it is ER policy to reply individually to each listed submitted document.
- If appropriate, ER may respond to many documents received on one submission (Transmittal Form) where one response will be applied to the entire submission package.
- Document number shall be a document in the transmission list (usually the first number listed)
- This Review comments comprises all of the pages listed in the footer below.
- The Review Notice Status shown below applies to all documents described in the Comments Sheet
- Major (M) classified comments are issued when the referenced document submission fails to meet or describe a requirement in respect of how the submission requirement is organised, implemented or maintained and without correction will introduce a major risk and will jeopardise the effectiveness of the submission or implementation.
- Minor (m) classified comments are issued when the referenced document submission fails to meet or describe a requirement in respect of how the submission requirement is organised, implemented or maintained and without correction may jeopardise the effectiveness of the submission.
- The Contractor must state if their response to ER Comments have been incorporated (I) into a revised document or, shall not be incorporated (NI) as described
- Any ASCII character may be used to denote data entry into the fields for M, m, I, NI
- Unresolved comments shall be incremented by a decimal index and all comments shall remain open until the subject is resolved

STATUS OF THE REVIEW NOTICE

APPROVED WITH COMMENTS

### Status Legend

| Status                  | Meaning                                                                         |
|-------------------------|---------------------------------------------------------------------------------|
| APPROVED                | No objection to proceed                                                         |
| APPROVED WITH COMMENTS  | No objection if the Contractor incorporates comments and resubmits for approval |
| REJECTED                | Revise and resubmit after fulfilling the comments                               |
| RECEIPT FOR INFORMATION | ER receipt only no action required                                              |

The status given by the Employer's Representative /General Consultant for this submission does not exonerate or relieve the Contractor from any obligation or liability hereunder. Each such status is given in reliance upon, and subject to the performance by the Contractor of its Works in accordance with and pursuant to the terms, covenants, provisions and conditions of its Contract. Without limitation to the generality of the foregoing, neither the review nor the Approved status of any submittal or portion thereof by the Employer's Representative / General Consultant shall relieve the Contractor of any of its responsibilities whatsoever for the accuracy or integrity of the submittal, or the ability of the Contractor to meet any conditions specified in the submittal. While Employer's Representative / General Consultant retains rights of Approval for all submittals, the areas in which it retains Approved rights is limited to the Employer's Representative / General Consultant scope of work, for the information provided by the Contractor.



# Submission Review and Comment Sheet



| Employer's Representative Comments |             |                |                 |                |                                                   |   |   |          |   |    | CONTRACTOR      |  |  | ER |
|------------------------------------|-------------|----------------|-----------------|----------------|---------------------------------------------------|---|---|----------|---|----|-----------------|--|--|----|
| Item                               | Document No | Document Title | Dept / Initials | Page / Section | COMMENTS                                          | M | m | RESPONSE | I | NI | FINAL STATUS    |  |  |    |
| 1                                  |             |                | QA/QC           | ALL            | Approved according to the attached approval       | M |   |          |   |    | Closed          |  |  |    |
| 2                                  |             |                | QA/QC           | ALL            | Contractor to follow project specs for msa design | M |   |          |   |    | Open            |  |  |    |
| 3                                  |             |                | QA/QC           | ALL            | To be used according to project documents         | M |   |          |   |    | Open            |  |  |    |
| 4                                  |             |                |                 |                |                                                   |   |   |          |   |    | Choose an item. |  |  |    |
| 5                                  |             |                |                 |                |                                                   |   |   |          |   |    | Choose an item. |  |  |    |
| 6                                  |             |                |                 |                |                                                   |   |   |          |   |    | Choose an item. |  |  |    |
| 7                                  |             |                |                 |                |                                                   |   |   |          |   |    | Choose an item. |  |  |    |
| 8                                  |             |                |                 |                |                                                   |   |   |          |   |    | Choose an item. |  |  |    |
| 9                                  |             |                |                 |                |                                                   |   |   |          |   |    | Choose an item. |  |  |    |
| 10                                 |             |                |                 |                |                                                   |   |   |          |   |    | Choose an item. |  |  |    |
| 11                                 |             |                |                 |                |                                                   |   |   |          |   |    | Choose an item. |  |  |    |
| 12                                 |             |                |                 |                |                                                   |   |   |          |   |    | Choose an item. |  |  |    |
| 13                                 |             |                |                 |                |                                                   |   |   |          |   |    | Choose an item. |  |  |    |

شركة  
إيچ سي جى  
incha general construction



**Green Line**

|                                                               |                           |                           |             |                         |
|---------------------------------------------------------------|---------------------------|---------------------------|-------------|-------------------------|
| <b>Location Name</b>                                          |                           | <b>Contractor Company</b> |             | <b>Designer Company</b> |
| Kp 457500-458+800<br>Kp 458+800-460+600<br>Kp 460+600-461+200 |                           | انشاء للمقاولات العامة    |             | sgac                    |
| <b>Contractor ISSUED</b>                                      | <b>Name</b>               | <b>Sign</b>               | <b>Date</b> | <b>Designation</b>      |
|                                                               | Eng: mahmoud shaban ahmed |                           | 6/9/2023    |                         |
| <b>Contractor Reference</b>                                   |                           |                           |             | <b>Revision</b>         |

NB: Package 1 Only (Package 2 via Aconex)

**THE FOLLOWING DOCUMENTS ARE ATTACHED FOR REVIEW**

| Item | Document No                                     | Revision | Title            | Number Sheets |
|------|-------------------------------------------------|----------|------------------|---------------|
| 1    | The batch plant approved before for AL NOBY CO. |          | AL FATAH batch - |               |
| 2    |                                                 |          | Plant.           |               |
| 3    |                                                 |          |                  |               |
| 6    |                                                 |          |                  |               |
| 7    |                                                 |          |                  |               |
| 8    |                                                 |          |                  |               |
| 9    |                                                 |          |                  |               |

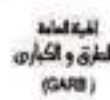
|                           |                                                                                                                     |             |                    |                    |
|---------------------------|---------------------------------------------------------------------------------------------------------------------|-------------|--------------------|--------------------|
| <b>Designer RECEIPT</b>   | <b>Name</b>                                                                                                         | <b>Sign</b> | <b>Designation</b> | <b>Date</b>        |
|                           | m-Negm                                                                                                              |             |                    |                    |
| <b>Designer Reference</b> |                                                                                                                     |             |                    | <b>Revision</b>    |
| <b>Designer Comments:</b> |                                                                                                                     |             |                    |                    |
|                           |                                                                                                                     |             |                    |                    |
| <b>Designer Status</b>    | <input type="checkbox"/> Approved <input type="checkbox"/> Approved with Comments <input type="checkbox"/> Rejected |             |                    |                    |
| <b>Designer REPLY</b>     | <b>Name</b>                                                                                                         | <b>Sign</b> | <b>Date</b>        | <b>Designation</b> |
|                           |                                                                                                                     |             |                    |                    |

**Note:**

- Response from the Designer is not mandatory for every submission, but may be necessary for previously approved design related subjects
- Response to Contractor's Submission by the Employers Representative (ER) shall be by Letter and Review and Comment Sheet (RCS) with any comments attached and the status of approval
- Receipt of Submission via EDMS will not be signed by ER



# SUBMISSION of TEST RESULTS



## Green Line

|                            |                    |                    |          |                  |          |
|----------------------------|--------------------|--------------------|----------|------------------|----------|
| Location Name              |                    | Contractor Company |          | Designer Company |          |
| From st 458+240 to 458+324 |                    | Inshaa company     |          | SGAC             |          |
| Issued by Contractor       | Name               | Sign               | Date     | Designation      |          |
|                            | Eng/Mahmoud Shaban | محمد شحان          | 9-1-2024 |                  |          |
| Contractor Reference       |                    |                    |          |                  | Revision |
| Received by ER             | Name               | Sign               | TRF      | DD               | MM       |
|                            |                    |                    |          | 20               | 4        |

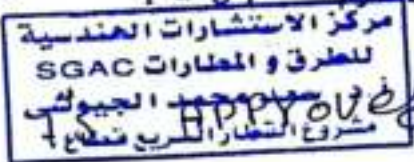
NB: Package 1 Only (Package 2 via Aconex)

## THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW

| Description of Test | Compression tests of cubes for slope protection left for st 458+240 to 458+324 for quantity = 126m <sup>3</sup> |                  |                        |           |
|---------------------|-----------------------------------------------------------------------------------------------------------------|------------------|------------------------|-----------|
| Location of Test    | Cel                                                                                                             |                  |                        |           |
| Item                | Specification                                                                                                   | Test Requirement | Test Result Attachment | Remarks   |
| 1                   | E.E.T Specs                                                                                                     | تجربة الضغط      | Cel                    | Pass. 238 |
| 2                   |                                                                                                                 |                  |                        | Pass. 247 |
| 3                   |                                                                                                                 |                  |                        | Pass. 234 |
| 4                   |                                                                                                                 |                  |                        |           |
| 5                   |                                                                                                                 |                  |                        |           |

Comments by: SGAC Mahmoud Adel Comments by: SYSTRA

the test Results



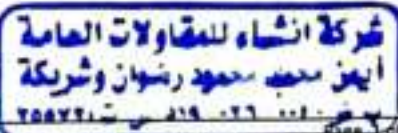
Pouring and concrete cubes are contractor and sgac consultant responsibility.

## APPROVAL STATUS

| Organisation             | Name          | Sign      | Date      | A-AWC-R |
|--------------------------|---------------|-----------|-----------|---------|
| Contractor               | م/ محمود شحان | محمد شحان | 9-1-2024  | A       |
| QA/QC                    | م/ محمود عادل | m. Adel   | 9-1-2024  | A       |
| GARB *                   | م/ مصطفى نجم  |           | 10-1-2024 | A       |
| Employers Representative | م/ محمد ماهر  |           | 20-2-24   | AWC     |

\* Alignment / Bridges: Culvert Only

A= Approved; AWC= Approved with Comments; R= Rejected





**: Inshaa General Company**

**: Electric Express Train, from Al Ain Sokhna to Marsa Matrouh**

: 09-01-2024

24

**Slope Protection Left**

:54 m<sup>3</sup>

### COMPRESSIVE STRENGTH RESULTS OF CUBE 15\*15\*15 CM CONCRETE SPECIMENS

Mix ID: C 250/350

| Date of  | Age      | Location | Weight (gm)                     | AVG Weight (gm) | Density               | Load (K.N) | Strength (Kgl/cm <sup>2</sup> ) | Ave. Strength (Kg/cm <sup>2</sup> ) | Percentage % |
|----------|----------|----------|---------------------------------|-----------------|-----------------------|------------|---------------------------------|-------------------------------------|--------------|
|          |          |          |                                 |                 | (gm/cm <sup>3</sup> ) |            |                                 |                                     |              |
| Casting  | Testing  |          | 8381                            | 8339            | 2.47                  | 505        | 229                             | 238                                 | 95           |
|          |          |          | 8317                            |                 |                       | 541        | 245                             |                                     |              |
|          |          |          | 8320                            |                 |                       | 529        | 240                             |                                     |              |
| 2-1-2024 | 9-1-2024 | 7        | St.<br>(458+240) :<br>(458+324) |                 |                       |            |                                 |                                     |              |

Note: لم توريد المكعبات بواسطة العميل والمعمل غير مسئول عن تفتيتها وإعادة العبوات

Signature / ..... 

**CEL**  
 شركة الخدمات الإلكترونية  
 المملكة العربية السعودية  
 الرياض 11564  
 هاتف: 011 4777 7777  
 فاكس: 011 4777 7777  
 بريد إلكتروني: info@cel.sa



Quantity : 40m<sup>3</sup>

Scanned with  
CamScanner

Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh  
Date of Report : 08-01-2024  
Report No. : 23  
Location : Slope Protection Left  
Quantity : 32m<sup>3</sup>

COMPRESSIVE STRENGTH RESULTS OF CUBE 15\*15\*15 CM CONCRETE SPECIMENS

Mix ID: C 250/350

| Date of  | Age      | Location | Weight (gm) | AVG Weight (gm)                 | Density (gm/cm <sup>3</sup> ) | Load (k.N) | Strength (Kg/cm <sup>2</sup> ) | Ave. Strength (Kg/cm <sup>2</sup> ) | Percentage % |
|----------|----------|----------|-------------|---------------------------------|-------------------------------|------------|--------------------------------|-------------------------------------|--------------|
| Casting  | Testing  | Days     | 7           | St.<br>(458+240) :<br>(458+324) | 8298                          | 2.46       | 509                            | 231                                 | 234          |
|          |          |          |             |                                 |                               |            | 518                            | 235                                 |              |
|          |          |          |             |                                 |                               |            | 521                            | 236                                 |              |
| 1-1-2024 | 8-1-2024 |          |             |                                 |                               |            |                                |                                     | 93           |

Note: تم توريد المكعبات بواسطة العميل والمعمل غير مسئول عن كيفية أخذ أو معالجة العينات

Signature / .....  
مكتب محامل الاستشارات الهندسية  
المسجل في مصر رقم 218-991-827  
بمصر شارع مصر - طريق مصر - القاهرة - 11432  
هاتف : 02-37367238 - 27363903

شركة  
للبناء والتشييد العامة  
Inshaa general construction



# Al-Fateh Ready Mix Concrete

Date : 2-1-2024

Time : 07:30:36

Client Name \ اسم العميل

انشاء

Mix Code \ اسم الخلطة

c250/350

Truck Number \ رقم السيارة

10

Number Of Batches \ عدد الباشات

5

Driver Name \ اسم السائق

Mando

Quantity \ الكمية المطلوبة

9.000 M

Quantity/batch \ حجم الباشة

1.800 M

|         | SAND1 | SAND2 | AGG2 | AGG1 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|------|------|------|------|------|-------|-------|------|
|         | 390   | 390   | 530  | 530  | 350  | 0    | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |      |      |      |      |      |      |       |       |      |
| 1       | 699   | 699   | 959  | 961  | 630  | 0    | 0    | 0    | 308   | 12.79 | 0.00 |
| 2       | 713   | 699   | 927  | 942  | 633  | 0    | 0    | 0    | 302   | 12.35 | 0.00 |
| 3       | 696   | 709   | 1012 | 957  | 627  | 0    | 0    | 0    | 308   | 12.54 | 0.00 |
| 4       | 699   | 695   | 887  | 962  | 630  | 0    | 0    | 0    | 306   | 12.65 | 0.00 |
| 5       | 704   | 716   | 984  | 949  | 631  | 0    | 0    | 0    | 305   | 12.67 | 0.00 |

|        |      |      |       |      |      |      |      |      |       |       |      |
|--------|------|------|-------|------|------|------|------|------|-------|-------|------|
| ACT    | 3511 | 3518 | 4769  | 4771 | 3151 | 0    | 0    | 0    | 1529  | 63.00 | 0.00 |
| TAR    | 3510 | 3510 | 4770  | 4770 | 3150 | 0    | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF    | 1    | 8    | -1    | 1    | 1    | 0    | 0    | 0    | -1    | 0.00  | 0.00 |
| Tole % | 0.03 | 0.23 | -0.02 | 0.02 | 0.03 | 0.00 | 0.00 | 0.00 | -0.07 | 0.00  | 0.00 |

2024-1-2-5120



## Al-Fateh Ready Mix Concrete

Date : 2-1-2024

Time : 08:08:53

Client Name \ اسم العميل

انشاء

Mix Code \ اسم الخلطة

c250/350

Truck Number \ رقم السيارة

10

Number Of Batches \ عدد البعثات

5

Driver Name \ اسم السائق

Mando

Quantity \ الكمية المطلوبة

9.000 M

Quantity/batch \ حجم البعثة

1.800 M



|         | SAND1 | SAND2 | AGG2 | AGG1 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|------|------|------|------|------|-------|-------|------|
|         | 390   | 390   | 530  | 530  | 350  | 0    | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |      |      |      |      |      |      |       |       |      |
|         | 704   | 707   | 957  | 953  | 631  | 0    | 0    | 0    | 309   | 12.72 | 0.00 |
|         | 701   | 693   | 945  | 955  | 628  | 0    | 0    | 0    | 304   | 12.27 | 0.00 |
|         | 702   | 707   | 961  | 950  | 623  | 0    | 0    | 0    | 301   | 12.93 | 0.00 |
|         | 703   | 702   | 933  | 959  | 643  | 0    | 0    | 0    | 311   | 12.43 | 0.00 |
|         | 703   | 704   | 997  | 955  | 626  | 0    | 0    | 0    | 304   | 12.76 | 0.00 |
| ACT     | 3513  | 3513  | 4793 | 4772 | 3151 | 0    | 0    | 0    | 1529  | 63.11 | 0.00 |
| TAR     | 3510  | 3510  | 4770 | 4770 | 3150 | 0    | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF     | 3     | 3     | 23   | 2    | 1    | 0    | 0    | 0    | -1    | 0.11  | 0.00 |
| Tote %  | 0.09  | 0.09  | 0.48 | 0.04 | 0.03 | 0.00 | 0.00 | 0.00 | -0.07 | 0.17  | 0.00 |

2024-1-2-5123

# Al-Fateh Ready Mix Concrete

Date : 2-1-2024

Time : 08:37:27

Client Name \ اسم العميل  
انشاء

Mix Code \ اسم الخلطة  
c250/350

Truck Number \ رقم السيارة  
10

Driver Name \ اسم السائق  
Mando

Number Of Batches \ عدد الباتشات  
5

Quantity \ الكمية المطلوبة  
9.000 M

Quantity/batch \ حجم الباتشة  
1.800 M



|         | SAND1 | SAND2 | AGG2  | AGG1 | CEM1  | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|-------|------|-------|------|------|------|-------|-------|------|
|         | 390   | 390   | 530   | 530  | 350   | 0    | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |       |      |       |      |      |      |       |       |      |
| 1       | 695   | 722   | 953   | 950  | 631   | 0    | 0    | 0    | 306   | 12.66 | 0.00 |
| 2       | 717   | 670   | 967   | 960  | 631   | 0    | 0    | 0    | 314   | 12.53 | 0.00 |
| 3       | 685   | 716   | 924   | 881  | 620   | 0    | 0    | 0    | 291   | 12.60 | 0.00 |
| 4       | 722   | 702   | 996   | 1096 | 640   | 0    | 0    | 0    | 311   | 12.49 | 0.00 |
| 5       | 678   | 699   | 924   | 931  | 626   | 0    | 0    | 0    | 308   | 12.82 | 0.00 |
| ACT     | 3497  | 3509  | 4764  | 4818 | 3148  | 0    | 0    | 0    | 1530  | 63.10 | 0.00 |
| TAR     | 3510  | 3510  | 4770  | 4770 | 3150  | 0    | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF     | -13   | -1    | -6    | 48   | -2    | 0    | 0    | 0    | 0     | 0.10  | 0.00 |
| Tote %  | -0.37 | -0.03 | -0.13 | 1.01 | -0.06 | 0.00 | 0.00 | 0.00 | 0.00  | 0.16  | 0.00 |

2024-1-2-5125



# Al-Fateh Ready Mix Concrete

Date : 2-1-2024

Time : 10:03:25

Client Name \ اسم العميل  
البناء

Mix Code \ اسم الخلطة  
c250/350 القطار

Truck Number \ رقم السيارة  
10

Number Of Batches \ عدد البعثات  
5

Driver Name \ اسم السائق  
Mando

Quantity \ الكمية المطلوبة  
9.000 M<sup>3</sup>

Quantity/batch \ الكمية  
1.800 M<sup>3</sup>



|         | SAND1 | SAND2 | AGG2 | AGG1  | CEM1 | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|-------|------|------|------|------|-------|-------|------|
|         | 390   | 390   | 530  | 530   | 350  | 0    | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |      |       |      |      |      |      |       |       |      |
| 1       | 699   | 708   | 955  | 954   | 629  | 0    | 0    | 0    | 308   | 12.51 | 0.00 |
| 2       | 708   | 692   | 938  | 956   | 633  | 0    | 0    | 0    | 302   | 12.57 | 0.00 |
| 3       | 702   | 712   | 955  | 933   | 625  | 0    | 0    | 0    | 308   | 12.86 | 0.00 |
| 4       | 691   | 702   | 1001 | 986   | 630  | 0    | 0    | 0    | 306   | 12.41 | 0.00 |
| 5       | 711   | 696   | 922  | 932   | 636  | 0    | 0    | 0    | 306   | 12.83 | 0.00 |
| ACT     | 3511  | 3510  | 4771 | 4761  | 3153 | 0    | 0    | 0    | 1530  | 63.18 | 0.00 |
| TAR     | 3510  | 3510  | 4770 | 4770  | 3150 | 0    | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF     | 1     | 0     | 1    | -9    | 3    | 0    | 0    | 0    | 0     | 0.18  | 0.00 |
| Tole %  | 0.03  | 0.00  | 0.02 | -0.19 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00  | 0.29  | 0.00 |

2024-1-2-5130

## Al-Fateh Ready Mix Concrete

Date : 2-1-2024

Time : 11:32:00

Client Name \ اسم العميل

انشاء

Mix Code \ اسم الخلطة

c250/350 القطار

Truck Number \ رقم السيارة

10

Driver Name \ اسم السائق

Mando

Number Of Batches \ عدد الباشات

5

Quantity \ الكمية المطلوبة

9.000 M

Quantity/batch \ حجم الباشة

1.800 M



|         | SAND1 | SAND2 | AGG2 | AGG1 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|------|------|------|------|------|-------|-------|------|
|         | 390   | 390   | 530  | 530  | 350  | 0    | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |      |      |      |      |      |      |       |       |      |
| 1       | 698   | 716   | 891  | 958  | 628  | 0    | 0    | 0    | 306   | 12.68 | 0.00 |
| 2       | 716   | 685   | 1029 | 949  | 626  | 0    | 0    | 0    | 310   | 12.47 | 0.00 |
| 3       | 686   | 705   | 908  | 945  | 635  | 0    | 0    | 0    | 298   | 12.51 | 0.00 |
| 4       | 715   | 705   | 977  | 959  | 633  | 0    | 0    | 0    | 309   | 12.86 | 0.00 |
| 5       | 689   | 694   | 1009 | 967  | 632  | 0    | 0    | 0    | 308   | 12.60 | 0.00 |
| ACT     | 3504  | 3505  | 4814 | 4778 | 3154 | 0    | 0    | 0    | 1531  | 63.12 | 0.00 |
| TAR     | 3510  | 3510  | 4770 | 4770 | 3150 | 0    | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF     | -6    | -5    | 44   | 8    | 4    | 0    | 0    | 0    | 1     | 0.12  | 0.00 |
| Tole %  | -0.17 | -0.14 | 0.92 | 0.17 | 0.13 | 0.00 | 0.00 | 0.00 | 0.07  | 0.19  | 0.00 |

2024-1-2-5138

# Al-Fateh Ready Mix Concrete

Date : 2-1-2024

Time : 11:39:12

Client Name \ اسم العميل

اتشاء

Mix Code \ اسم الخلطة

c250/350

Truck Number \ رقم السيارة

10

Driver Name \ اسم السائق

Mando

Number Of Batches \ عدد البعثات

5

Quantity \ الكمية المطلوبة

9.000 M

Quantity/batch \ حجم البعثة

1.800 M

|         | SAND1 | SAND2 | AGG2  | AGG1 | CEM1  | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|-------|------|-------|------|------|------|-------|-------|------|
|         | 390   | 390   | 530   | 530  | 350   | 0    | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |       |      |       |      |      |      |       |       |      |
| 1       | 663   | 705   | 942   | 971  | 631   | 0    | 0    | 0    | 306   | 12.58 | 0.00 |
| 2       | 771   | 705   | 992   | 925  | 631   | 0    | 0    | 0    | 309   | 12.89 | 0.00 |
| 3       | 618   | 685   | 938   | 964  | 620   | 0    | 0    | 0    | 299   | 12.19 | 0.00 |
| 4       | 820   | 713   | 932   | 952  | 640   | 0    | 0    | 0    | 311   | 12.45 | 0.00 |
| 5       | 602   | 700   | 962   | 965  | 626   | 0    | 0    | 0    | 308   | 13.05 | 0.00 |
| ACT     | 3474  | 3508  | 4766  | 4777 | 3148  | 0    | 0    | 0    | 1533  | 63.16 | 0.00 |
| TAR     | 3510  | 3510  | 4770  | 4770 | 3150  | 0    | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF     | -36   | -2    | -4    | 7    | -2    | 0    | 0    | 0    | 3     | 0.16  | 0.00 |
| Tole %  | -1.03 | -0.06 | -0.08 | 0.15 | -0.06 | 0.00 | 0.00 | 0.00 | 0.20  | 0.25  | 0.00 |

2024-1-2-5139





## Al-Fateh Ready Mix Concrete

Date : 1-1-2024

Time : 07:13:07

Client Name \ اسم العميل  
انشاء

Mix Code \ اسم الخلطة  
c250/350

Truck Number \ رقم السيارة  
10

Number Of Batches \ عدد البعثات  
5

Driver Name \ اسم السائق  
Mando

Quantity \ الكمية المطلوبة  
9.000 M

Quantity/batch \ حجم البعثة  
1.800 M

|         | SAND1 | SAND2 | AGG2  | AGG1 | CEM1  | CEM2 | CEM3 | CEM4 | WATER | ADD1 | ADD2  |
|---------|-------|-------|-------|------|-------|------|------|------|-------|------|-------|
|         | 390   | 390   | 530   | 530  | 350   | 0    | 0    | 0    | 170   | 0.00 | 7.00  |
| Batches |       |       |       |      |       |      |      |      |       |      |       |
| 1       | 702   | 708   | 938   | 948  | 629   | 0    | 0    | 0    | 307   | 0.00 | 12.65 |
| 2       | 706   | 691   | 966   | 955  | 632   | 0    | 0    | 0    | 303   | 0.00 | 12.46 |
| 3       | 697   | 706   | 974   | 961  | 630   | 0    | 0    | 0    | 309   | 0.00 | 12.75 |
| 4       | 699   | 699   | 946   | 952  | 628   | 0    | 0    | 0    | 305   | 0.00 | 12.62 |
| 5       | 704   | 706   | 932   | 957  | 630   | 0    | 0    | 0    | 306   | 0.00 | 12.32 |
| ACT     | 3508  | 3510  | 4756  | 4773 | 3149  | 0    | 0    | 0    | 1530  | 0.00 | 62.80 |
| TAR     | 3510  | 3510  | 4770  | 4770 | 3150  | 0    | 0    | 0    | 1530  | 0.00 | 63.00 |
| DIF     | -2    | 0     | -14   | 3    | -1    | 0    | 0    | 0    | 0     | 0.00 | -0.20 |
| Tole %  | -0.06 | 0.00  | -0.29 | 0.06 | -0.03 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | -0.32 |

2024-1-1-5106



## Al-Fateh Ready Mix Concrete

Date : 1-1-2024

Time : 07:22:46

Client Name \ اسم العميل

انشاء

Mix Code \ اسم الخلطة

c250/350 القطار

Truck Number \ رقم السيارة

10

Number Of Batches \ عدد الباشات

5

Driver Name \ اسم السائق

Mando

Quantity \ الكمية المطلوبة

9.000 M

Quantity/batch \ حجم البشة

1.800 M

|         | SAND1 | SAND2 | AGG2 | AGG1 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|------|------|------|------|------|-------|-------|------|
|         | 390   | 390   | 530  | 530  | 350  | 0    | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |      |      |      |      |      |      |       |       |      |
| 1       | 697   | 703   | 953  | 961  | 628  | 0    | 0    | 0    | 307   | 12.69 | 0.00 |
| 2       | 706   | 701   | 957  | 944  | 626  | 0    | 0    | 0    | 306   | 12.55 | 0.00 |
| 3       | 709   | 701   | 960  | 973  | 635  | 0    | 0    | 0    | 302   | 12.40 | 0.00 |
| 4       | 695   | 701   | 938  | 931  | 633  | 0    | 0    | 0    | 309   | 12.96 | 0.00 |
| 5       | 708   | 709   | 969  | 961  | 632  | 0    | 0    | 0    | 305   | 11.92 | 0.00 |
| ACT     | 3515  | 3515  | 4777 | 4770 | 3154 | 0    | 0    | 0    | 1529  | 62.52 | 0.00 |
| TAR     | 3510  | 3510  | 4770 | 4770 | 3150 | 0    | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF     | 5     | 5     | 7    | 0    | 4    | 0    | 0    | 0    | -1    | -0.48 | 0.00 |
| Tole %  | 0.14  | 0.14  | 0.15 | 0.00 | 0.13 | 0.00 | 0.00 | 0.00 | -0.07 | -0.76 | 0.00 |

2024-1-1-5107



# Al-Fateh Ready Mix Concrete

Date : 1-1-2024

Time : 08:01:02

Client Name \ اسم العميل

اتشاء

Mix Code \ اسم الخلطة

c250/350 القطر

Truck Number \ رقم السيارة

10

Number Of Batches \ عدد الباشات

5

Driver Name \ اسم السائق

Mando

Quantity \ الكمية المطلوبة

9.000 M

Quantity/batch \ حجم الباشة

1.800 M

|         | SAND1 | SAND2 | AGG2  | AGG1 | CEM1  | CEM2 | CEM3 | CEM4 | WATER | ADD1 | ADD2  |
|---------|-------|-------|-------|------|-------|------|------|------|-------|------|-------|
|         | 390   | 390   | 530   | 530  | 350   | 0    | 0    | 0    | 170   | 0.00 | 7.00  |
| Batches |       |       |       |      |       |      |      |      |       |      |       |
| 1       | 702   | 708   | 938   | 948  | 629   | 0    | 0    | 0    | 307   | 0.00 | 12.65 |
| 2       | 706   | 691   | 966   | 955  | 632   | 0    | 0    | 0    | 303   | 0.00 | 12.46 |
| 3       | 697   | 706   | 974   | 961  | 630   | 0    | 0    | 0    | 309   | 0.00 | 12.75 |
| 4       | 699   | 699   | 946   | 952  | 628   | 0    | 0    | 0    | 305   | 0.00 | 12.62 |
| 5       | 704   | 706   | 932   | 957  | 630   | 0    | 0    | 0    | 306   | 0.00 | 12.32 |
| ACT     | 3508  | 3510  | 4756  | 4773 | 3149  | 0    | 0    | 0    | 1530  | 0.00 | 62.80 |
| TAR     | 3510  | 3510  | 4770  | 4770 | 3150  | 0    | 0    | 0    | 1530  | 0.00 | 63.00 |
| DIF     | -2    | 0     | -14   | 3    | -1    | 0    | 0    | 0    | 0     | 0.00 | -0.20 |
| Tole %  | -0.06 | 0.00  | -0.29 | 0.06 | -0.03 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | -0.32 |

2024-1-1-





## Al-Fateh Ready Mix Concrete

Date : 1-1-2024

Time : 10:07:29

Client Name \ اسم العميل  
انشاء

Mix Code \ اسم الخلطة  
c250/350

Truck Number \ رقم السيارة  
10

Driver Name \ اسم السائق  
Mando

Number Of Batches \ عدد الباتشات  
5

Quantity \ الكمية المطلوبة  
9.000 M

Quantity/batch \ حجم الباتشة  
1.800 M

|         | SAND1 | SAND2 | AGG2 | AGG1 | CEM1  | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|------|-------|------|------|------|-------|-------|------|
|         | 390   | 390   | 530  | 530  | 350   | 0    | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |      |      |       |      |      |      |       |       |      |
| 1       | 700   | 697   | 954  | 949  | 630   | 0    | 0    | 0    | 307   | 12.70 | 0.00 |
| 2       | 709   | 712   | 975  | 965  | 630   | 0    | 0    | 0    | 304   | 12.49 | 0.00 |
| 3       | 694   | 693   | 889  | 945  | 628   | 0    | 0    | 0    | 305   | 12.35 | 0.00 |
| 4       | 716   | 705   | 1007 | 946  | 632   | 0    | 0    | 0    | 308   | 12.77 | 0.00 |
| 5       | 684   | 702   | 958  | 1008 | 629   | 0    | 0    | 0    | 304   | 12.73 | 0.00 |
| ACT     | 3503  | 3509  | 4783 | 4813 | 3149  | 0    | 0    | 0    | 1528  | 63.04 | 0.00 |
| TAR     | 3510  | 3510  | 4770 | 4770 | 3150  | 0    | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF     | -7    | -1    | 13   | 43   | -1    | 0    | 0    | 0    | -2    | 0.04  | 0.00 |
| Tole %  | -0.20 | -0.03 | 0.27 | 0.90 | -0.04 | 0.00 | 0.00 | 0.00 | -0.13 | 0.06  | 0.00 |

2024-1-1-5111



## Al-Fateh Ready Mix Concrete

Date : 1-1-2024

Time : 11:00 AM

Client Name \ اسم العميل

انشاء

Mix Code \ اسم الخلطة

القطار c250/350

Truck Number \ رقم السيارة

10

Driver Name \ اسم السائق

Mando

Number Of Batches \ عدد الباتشات

5

Quantity \ الكمية المطلوبة

9.000 M

Quantity/batch \ حجم الباتشة

1.800 M

|         | SAND1 | SAND2 | AGG2  | AGG1 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|-------|------|------|------|------|------|-------|-------|------|
|         | 390   | 390   | 530   | 530  | 350  | 0    | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |       |      |      |      |      |      |       |       |      |
| 1       | 702   | 698   | 928   | 961  | 631  | 0    | 0    | 0    | 308   | 12.66 | 0.00 |
| 2       | 704   | 703   | 1017  | 936  | 628  | 0    | 0    | 0    | 296   | 12.54 | 0.00 |
| 3       | 691   | 712   | 880   | 961  | 631  | 0    | 0    | 0    | 301   | 12.45 | 0.00 |
| 4       | 715   | 691   | 1022  | 960  | 629  | 0    | 0    | 0    | 312   | 12.79 | 0.00 |
| 5       | 696   | 707   | 898   | 953  | 631  | 0    | 0    | 0    | 303   | 12.52 | 0.00 |
| ACT     | 3508  | 3511  | 4745  | 4771 | 3150 | 0    | 0    | 0    | 1520  | 62.96 | 0.00 |
| TAR     | 3510  | 3510  | 4770  | 4770 | 3150 | 0    | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF     | -2    | 1     | -25   | 1    | 0    | 0    | 0    | 0    | -10   | -0.04 | 0.00 |
| Tole %  | -0.06 | 0.03  | -0.52 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | -0.65 | -0.06 | 0.00 |

2024-1-1-5112



# Al-Fateh Ready Mix Concrete

Date : 1-1-2024

Time : 12:14:07

Client Name \ اسم العميل  
انشاء

Mix Code \ اسم الخلطة  
c250/350

Truck Number \ رقم السيارة  
10

Number Of Batches \ عدد البعثات  
5

Driver Name \ اسم السائق  
Mando

Quantity \ الكمية المطلوبة  
9.000 M

Quantity/hatch \ حجم البعثة  
1.800 M



|          | SAND1 | SAND2 | AGG2 | AGG1  | CEM1  | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|----------|-------|-------|------|-------|-------|------|------|------|-------|-------|------|
|          | 390   | 390   | 530  | 530   | 350   | 0    | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches- |       |       |      |       |       |      |      |      |       |       |      |
| 1        | 706   | 699   | 963  | 961   | 630   | 0    | 0    | 0    | 307   | 12.61 | 0.00 |
| 2        | 703   | 707   | 925  | 932   | 628   | 0    | 0    | 0    | 306   | 12.61 | 0.00 |
| 3        | 693   | 702   | 978  | 971   | 631   | 0    | 0    | 0    | 303   | 12.67 | 0.00 |
| 4        | 716   | 697   | 968  | 1031  | 628   | 0    | 0    | 0    | 308   | 12.13 | 0.00 |
| 5        | 691   | 711   | 1003 | 847   | 629   | 0    | 0    | 0    | 308   | 13.14 | 0.00 |
| ACT      | 3509  | 3516  | 4837 | 4742  | 3146  | 0    | 0    | 0    | 1532  | 63.16 | 0.00 |
| TAR      | 3510  | 3510  | 4770 | 4770  | 3150  | 0    | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF      | -1    | 6     | 67   | -28   | -4    | 0    | 0    | 0    | 2     | 0.16  | 0.00 |
| Tole %   | -0.03 | 0.17  | 1.40 | -0.59 | -0.15 | 0.00 | 0.00 | 0.00 | 0.13  | 0.25  | 0.00 |

2024-1-1-5115



# Al-Fateh Ready Mix Concrete

Date : 1-1-2024

Time : 15:48:37



Client Name \ اسم العميل

الاشاء

Mix Code \ اسم الخلطة

القطار c250/350

Truck Number \ رقم السيارة

10

Driver Name \ اسم السائق

Mando

Number Of Batches \ عدد البعثات

5

Quantity \ الكمية المطلوبة

9.000 M

Quantity/batch \ حجم البعثة

1.800 M

|         | SAND1 | SAND2 | AGG2  | AGG1  | CEM1 | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|-------|-------|------|------|------|------|-------|-------|------|
|         | 390   | 390   | 530   | 530   | 350  | 0    | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |       |       |      |      |      |      |       |       |      |
| 1       | 704   | 695   | 957   | 957   | 629  | 0    | 0    | 0    | 306   | 12.61 | 0.00 |
| 2       | 700   | 707   | 948   | 946   | 631  | 0    | 0    | 0    | 307   | 12.44 | 0.00 |
| 3       | 708   | 710   | 964   | 972   | 631  | 0    | 0    | 0    | 300   | 12.96 | 0.00 |
| 4       | 691   | 700   | 954   | 943   | 628  | 0    | 0    | 0    | 310   | 12.00 | 0.00 |
| 5       | 706   | 696   | 939   | 949   | 633  | 0    | 0    | 0    | 307   | 13.31 | 0.00 |
| ACT     | 3509  | 3508  | 4762  | 4767  | 3152 | 0    | 0    | 0    | 1530  | 63.32 | 0.00 |
| TAR     | 3510  | 3510  | 4770  | 4770  | 3150 | 0    | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF     | -1    | -2    | -8    | -3    | 2    | 0    | 0    | 0    | 0     | 0.32  | 0.00 |
| Tole %  | -0.03 | -0.06 | -0.17 | -0.06 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00  | 0.51  | 0.00 |

2024-1-1-5117

# Al-Fateh Ready Mix Concrete

Date : 1-1-2024

Time : 16:15:13



Client Name \ اسم العميل

انشاء

Mix Code \ اسم الخلطة

c250/350

Truck Number \ رقم السيارة

10

Driver Name \ اسم السائق

Mando

Number Of Batches \ عدد البعثات

5

Quantity \

الكمية المطلوبة

9.000 M

Quantity/batch \ حجم البعثة

1.800 M

|         | SAND1 | SAND2 | AGG2 | AGG1 | CEM1  | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|------|-------|------|------|------|-------|-------|------|
|         | 390   | 390   | 530  | 530  | 350   | 0    | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |      |      |       |      |      |      |       |       |      |
| 1       | 697   | 711   | 961  | 949  | 626   | 0    | 0    | 0    | 308   | 12.65 | 0.00 |
| 2       | 707   | 686   | 965  | 955  | 635   | 0    | 0    | 0    | 305   | 12.42 | 0.00 |
| 3       | 711   | 714   | 893  | 965  | 629   | 0    | 0    | 0    | 302   | 12.90 | 0.00 |
| 4       | 689   | 697   | 1004 | 945  | 630   | 0    | 0    | 0    | 308   | 12.40 | 0.00 |
| 5       | 704   | 703   | 955  | 966  | 628   | 0    | 0    | 0    | 309   | 12.38 | 0.00 |
| ACT     | 3508  | 3511  | 4778 | 4780 | 3148  | 0    | 0    | 0    | 1532  | 62.75 | 0.00 |
| TAR     | 3510  | 3510  | 4770 | 4770 | 3150  | 0    | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF     | -2    | 1     | 8    | 10   | -2    | 0    | 0    | 0    | 2     | -0.25 | 0.00 |
| Tole %  | -0.06 | 0.03  | 0.17 | 0.21 | -0.06 | 0.00 | 0.00 | 0.00 | 0.13  | -0.40 | 0.00 |

2024-1-1-5118

# Submission Review and Comment Sheet



## REVIEW NOTICE

|                     |                                           |                   |                       |
|---------------------|-------------------------------------------|-------------------|-----------------------|
| RCS Number          |                                           |                   |                       |
| Transmittal Date    | 06-09-2023                                | Receiving Date    | 06-09-2023            |
| Transmittal No      | .                                         | Document Number   |                       |
| Contractor Name     | INSHAA GENERAL CONSTRUCTION               | Document Revision |                       |
| Designer            | EL NIL                                    | Location          | KP 457+600 TO 461+200 |
| Transmittal Subject | PREQUALIFICATION FOR AL FATEH BATCH PLANT |                   |                       |
| Document Title      |                                           |                   |                       |

The following Notes apply to this Review:

- The Contractor may include many documents in one submission (Transmittal form) however where possible, it is ER policy to reply individually to each listed submitted document.
- If appropriate, ER may respond to many documents received on one submission (Transmittal Form) where one response will be applied to the entire submission package.
- Document number shall be a document in the transmission list (usually the first number listed)
- This Review comments comprises all of the pages listed in the footer below
- The Review Notice Status shown below applies to all documents described in the Comments line
- Major (M) classified comments are issued when the referenced document submission fails to meet or describe a requirement in respect of how the submission requirement is organized, implemented or maintained and without correction will introduce a major risk and will jeopardise the effectiveness of the submission if implemented
- Minor (m) classified comments are issued when the referenced document submission fails to meet or describe a requirement in respect of how the submission requirement is organized, implemented or maintained and without correction may jeopardise the effectiveness of the submission.
- The Contractor must state if their response to ER Comments have been incorporated (I) into a revised document or, shall not be incorporated (NI) as described
- Any ASCII character may be used to denote data entry into the fields for M, m, I or NI
- Unresolved comments shall be incremented by a decimal index and all comments shall remain open until the subject is resolved

STATUS OF THE REVIEW NOTICE

APPROVED WITH COMMENTS

### Status Legend

| Status                  | Meaning                                                                         |
|-------------------------|---------------------------------------------------------------------------------|
| APPROVED                | No objection to proceed                                                         |
| APPROVED WITH COMMENTS  | No objection if the Contractor incorporates comments and resubmits for approval |
| REJECTED                | Revise and resubmit after fulfilling the comments                               |
| RECEIPT FOR INFORMATION | ER receipt only no action required                                              |

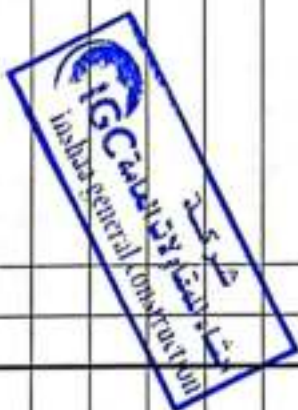
The status given by the Employer's Representative /General Consultant for this submission does not exonerate or relieve the Contractor from any obligation or liability hereunder. Each such status is given in reliance upon, and subject to the performance by the Contractor of its Works in accordance with and pursuant to the terms, covenants, provisions and conditions of its Contract. Without limitation to the generality of the foregoing, neither the review nor the Approved status of any submittal or portion thereof by the Employer's Representative / General Consultant shall relieve the Contractor of any of its responsibilities whatsoever for the accuracy or integrity of the submittal, or the ability of the Contractor to meet any conditions specified in the submittal. While Employer's Representative / General Consultant retains rights of Approval for all submittals, the areas in which it retains Approved rights is limited to the Employer's Representative / General Consultant scope of work, for the information provided by the Contractor.



# Submission Review and Comment Sheet



| Employer's Representative Comments |             |                |                 |                |                                                    |   | CONTRACTOR |          |   | ER |                 |
|------------------------------------|-------------|----------------|-----------------|----------------|----------------------------------------------------|---|------------|----------|---|----|-----------------|
| Item                               | Document No | Document Title | Dept / Initials | Page / Section | COMMENTS                                           | M | m          | RESPONSE | I | NI | FINAL STATUS    |
| 1                                  |             |                | QA/QC           | ALL            | Approved according to the attached approval        | M |            |          |   |    | Closed          |
| 2                                  |             |                | QA/QC           | ALL            | Contractor to follow project specs for site design | M |            |          |   |    | Open            |
| 3                                  |             |                | QA/QC           | ALL            | To be used according to project documents          | M |            |          |   |    | Open            |
| 4                                  |             |                |                 |                |                                                    |   |            |          |   |    | Choose an item. |
| 5                                  |             |                |                 |                |                                                    |   |            |          |   |    | Choose an item. |
| 6                                  |             |                |                 |                |                                                    |   |            |          |   |    | Choose an item. |
| 7                                  |             |                |                 |                |                                                    |   |            |          |   |    | Choose an item. |
| 8                                  |             |                |                 |                |                                                    |   |            |          |   |    | Choose an item. |
| 9                                  |             |                |                 |                |                                                    |   |            |          |   |    | Choose an item. |
| 10                                 |             |                |                 |                |                                                    |   |            |          |   |    | Choose an item. |
| 11                                 |             |                |                 |                |                                                    |   |            |          |   |    | Choose an item. |
| 12                                 |             |                |                 |                |                                                    |   |            |          |   |    | Choose an item. |
| 13                                 |             |                |                 |                |                                                    |   |            |          |   |    | Choose an item. |



# SUBMISSION OF DOCUMENTS



## Green Line

|                                                              |                              |                                |          |                  |          |
|--------------------------------------------------------------|------------------------------|--------------------------------|----------|------------------|----------|
| Location Name                                                |                              | Contractor Company             |          | Designer Company |          |
| Kp 43500-458+800<br>Kp 458+800-460+600<br>Kp 460+600-461+200 |                              | الشركة العامة للمقاولات العامة |          | sgac             |          |
| Contractor<br>ISSUED                                         | Name                         | Sign                           | Date     | Designation      |          |
|                                                              | Eng: mahmoud shaban<br>ahmed |                                | 6/9/2023 |                  |          |
| Contractor<br>Reference                                      |                              |                                |          |                  | Revision |

NB: Package 1 Only (Package 2 via Aconex)

## THE FOLLOWING DOCUMENTS ARE ATTACHED FOR REVIEW

| Item | Document No     | Revision | Title            | Number<br>Sheets |
|------|-----------------|----------|------------------|------------------|
| 1    | The batch plant |          | AL FATAH batch - |                  |
| 2    | approved before |          | Plant.           |                  |
| 3    | for AL NOBY co. |          |                  |                  |
| 6    |                 |          |                  |                  |
| 7    |                 |          |                  |                  |
| 8    |                 |          |                  |                  |
| 9    |                 |          |                  |                  |

|                                                                                                                                                                                                                      |          |      |             |             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|-------------|-------------|
| Designer<br>RECEIPT                                                                                                                                                                                                  | Name     | Sign | Designation | Date        |
|                                                                                                                                                                                                                      | m-Negm   |      |             |             |
| Designer<br>Reference                                                                                                                                                                                                | Revision |      |             |             |
| Designer Comments:                                                                                                                                                                                                   |          |      |             |             |
| <div> <div>Designer Status</div> <div> <input type="checkbox"/> Approved                 <input type="checkbox"/> Approved with Comments                 <input type="checkbox"/> Rejected             </div> </div> |          |      |             |             |
| Designer<br>REPLY                                                                                                                                                                                                    | Name     | Sign | Date        | Designation |
|                                                                                                                                                                                                                      |          |      |             |             |

### Note:

- Response from the Designer is not mandatory for every submission, but may be necessary for previously approved design related subjects
- Response to Contractor's Submission by the Employers Representative (ER) shall be by Letter and Review and Comment Sheet (RCS) with any comments attached and the status of approval
- Receipt of Submission via EDMS will not be signed by ER



# SUBMISSION of TEST RESULTS



## Green Line

|                            |                    |                    |           |                  |          |
|----------------------------|--------------------|--------------------|-----------|------------------|----------|
| Location Name              |                    | Contractor Company |           | Designer Company |          |
| From st 457+600 to 457+700 |                    | Inshaa company     |           | SGAC             |          |
| Issued by Contractor       | Name               | Sign               | Date      | Designation      |          |
|                            | Eng/Mahmoud Shaban |                    | 18-1-2024 |                  |          |
| Contractor Reference       |                    |                    |           |                  | Revision |
| Received by ER             | Name               | Sign               | TRF       | DD               | MM       |
|                            |                    |                    |           | 20               | 2        |

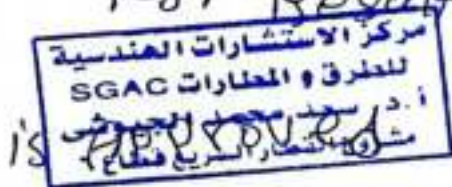
NB: Package 1 Only (Package 2 via Aconex)

### THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW

| Description of Test | Compression tests of cubes for diversion channel left side (type 2) for st 457+600 to 457+700 for quantity = 118m <sup>3</sup> |                  |                        |           |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------|-----------|
| Location of Test    | Cel                                                                                                                            |                  |                        |           |
| Item                | Specification                                                                                                                  | Test Requirement | Test Result Attachment | Remarks   |
| 1                   | E.E.T. Specs                                                                                                                   | تكسير 28 يوم     | Cel                    | Pass. 314 |
| 2                   |                                                                                                                                |                  |                        | Pass. 324 |
| 3                   |                                                                                                                                |                  |                        | Pass. 340 |
| 4                   |                                                                                                                                |                  |                        |           |
| 5                   |                                                                                                                                |                  |                        |           |

Comments by: SGAC Mahmoud Adel Comments by: SYSTRA

the test Results



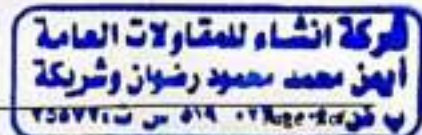
Pouring and concrete cubes are contractor and sgac consultant responsibility.

### APPROVAL STATUS

| Organisation             | Name            | Sign | Date      | A-AWC-R |
|--------------------------|-----------------|------|-----------|---------|
| Contractor               | م / محمود شعبان |      | 18-1-2024 | A       |
| QA/QC                    | م / محمود عادل  |      | 18-1-2024 | A       |
| GARB *                   | م / مصطفى نجم   |      | 19-1-2024 | A       |
| Employers Representative | م / محمد ماهر   |      | 10-2-2024 | A       |

\* Alignment / Bridges: Culvert Only

A= Approved; AWC= Approved with Comments; R= Rejected





**: Inshaa General Company**

**: Electric Express Train, from Al Ain Sokhna to Marsa Matrouh**

: 18-01-2024

38

:Diversion channel left side

**: 50 m³**

### COMPRESSIVE STRENGTH RESULTS OF CUBE 15\*15\*15 CM CONCRETE SPECIMENS

Mix ID: C 250/350

| Date of Casting | Testing   | Age Days | Location                        | Weight (gm) | AVG Weight (gm) | Density                            |     | Load (k.N) | Strength (Kg/cm <sup>2</sup> ) | Ave. Strength (Kg/cm <sup>2</sup> ) | Percentage % |
|-----------------|-----------|----------|---------------------------------|-------------|-----------------|------------------------------------|-----|------------|--------------------------------|-------------------------------------|--------------|
|                 |           |          |                                 |             |                 | (gm/cm <sup>3</sup> ) <sup>3</sup> |     |            |                                |                                     |              |
| 21-12-2023      | 18-1-2024 | 28       | St.<br>(457+600) :<br>(457+700) | 8241        | 8231            | 2.44                               | 707 | 320        | 310                            | 314                                 | 126          |
|                 |           |          |                                 | 8211        |                 |                                    |     |            |                                |                                     |              |
|                 |           |          |                                 | 8240        |                 |                                    |     |            |                                |                                     |              |
|                 |           |          |                                 | 689         |                 |                                    |     |            |                                |                                     |              |

**Note:** تم تزويد المكعبات بواسطة العميل والعمل غير مسئول عن خطية أحد أو أكثر من مستخدميها.

Signature / \_\_\_\_\_

Quantity : 13 m<sup>3</sup>

| Date of    |           | Age  | Location                        | Weight (gm) | AVG Weight (gm) | Density                            | Load (K.N) | Strength (Kgl/cm <sup>2</sup> ) | Ave. Strength (Kgl/cm <sup>2</sup> ) | Percentage % |
|------------|-----------|------|---------------------------------|-------------|-----------------|------------------------------------|------------|---------------------------------|--------------------------------------|--------------|
|            | Testing   | Days |                                 |             |                 | (gm/cm <sup>3</sup> ) <sup>3</sup> |            |                                 |                                      |              |
| 21-12-2023 | 18-1-2024 | 28   | St.<br>(457+600) :<br>(457+700) | 8151        | 8158            | 2.42                               | 717        | 325                             | 324                                  | 129          |
|            |           |      |                                 | 8177        |                 |                                    | 705        | 319                             |                                      |              |
|            |           |      |                                 | 8145        |                 |                                    | 722        | 327                             |                                      |              |

دینا بھائی

السجل القسري

Signature of \_\_\_\_\_

Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh  
Date of Report : 17-01-2024  
Report No. : 39  
Location : Diversion Channel Left  
Quantity : 55 m<sup>3</sup>

COMPRESSIVE STRENGTH RESULTS OF CUBE 15\*15\*15 CM CONCRETE SPECIMENS

Mix ID: C 250/350

| Date of    | Age       | Location | Weight (gm)                     | AVG Weight (gm) | Density (gm/cm <sup>3</sup> ) | Load (k.N) | Strength (Kg/cm <sup>2</sup> ) | Ave. Strength (Kg/cm <sup>2</sup> ) | Percentage % |
|------------|-----------|----------|---------------------------------|-----------------|-------------------------------|------------|--------------------------------|-------------------------------------|--------------|
| Casting    | Testing   | Days     | St.<br>(457+600) :<br>(457+700) | 8216            | 2.43                          | 745        | 337                            | 340                                 | 136          |
|            |           |          |                                 |                 |                               | 784        | 355                            |                                     |              |
|            |           |          |                                 |                 |                               | 722        | 327                            |                                     |              |
| 20-12-2023 | 17-1-2024 | 28       |                                 |                 |                               |            |                                |                                     |              |

Note: تم توريد المعجلات بواسطة العميل والمعمل غير مسئول عن كونه الخاطئ

**CEL**  
مكتب معامل الاختبارات الهندسية  
المعمل الرئيسي  
110-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043-1044-1045-1046-1047-1048-1049-1050-1051-1052-1053-1054-1055-1056-1057-1058-1059-1060-1061-1062-1063-1064-1065-1066-1067-1068-1069-1070-1071-1072-1073-1074-1075-1076-1077-1078-1079-1080-1081-1082-1083-1084-1085-1086-1087-1088-1089-1090-1091-1092-1093-1094-1095-1096-1097-1098-1099-1100-1101-1102-1103-1104-1105-1106-1107-1108-1109-1110-1111-1112-1113-1114-1115-1116-1117-1118-1119-1120-1121-1122-1123-1124-1125-1126-1127-1128-1129-1130-1131-1132-1133-1134-1135-1136-1137-1138-1139-1140-1141-1142-1143-1144-1145-1146-1147-1148-1149-1150-1151-1152-1153-1154-1155-1156-1157-1158-1159-1160-1161-1162-1163-1164-1165-1166-1167-1168-1169-1170-1171-1172-1173-1174-1175-1176-1177-1178-1179-1180-1181-1182-1183-1184-1185-1186-1187-1188-1189-1190-1191-1192-1193-1194-1195-1196-1197-1198-1199-1200-1201-1202-1203-1204-1205-1206-1207-1208-1209-1210-1211-1212-1213-1214-1215-1216-1217-1218-1219-1220-1221-1222-1223-1224-1225-1226-1227-1228-1229-1230-1231-1232-1233-1234-1235-1236-1237-1238-1239-1240-1241-1242-1243-1244-1245-1246-1247-1248-1249-1250-1251-1252-1253-1254-1255-1256-1257-1258-1259-1260-1261-1262-1263-1264-1265-1266-1267-1268-1269-1270-1271-1272-1273-1274-1275-1276-1277-1278-1279-1280-1281-1282-1283-1284-1285-1286-1287-1288-1289-1290-1291-1292-1293-1294-1295-1296-1297-1298-1299-1300-1301-1302-1303-1304-1305-1306-1307-1308-1309-1310-1311-1312-1313-1314-1315-1316-1317-1318-1319-1320-1321-1322-1323-1324-1325-1326-1327-1328-1329-1330-1331-1332-1333-1334-1335-1336-1337-1338-1339-1340-1341-1342-1343-1344-1345-1346-1347-1348-1349-1350-1351-1352-1353-1354-1355-1356-1357-1358-1359-1360-1361-1362-1363-1364-1365-1366-1367-1368-1369-1370-1371-1372-1373-1374-1375-1376-1377-1378-1379-1380-1381-1382-1383-1384-1385-1386-1387-1388-1389-1390-1391-1392-1393-1394-1395-1396-1397-1398-1399-1400-1401-1402-1403-1404-1405-1406-1407-1408-1409-1410-1411-1412-1413-1414-1415-1416-1417-1418-1419-1420-1421-1422-1423-1424-1425-1426-1427-1428-1429-1430-1431-1432-1433-1434-1435-1436-1437-1438-1439-1440-1441-1442-1443-1444-1445-1446-1447-1448-1449-1450-1451-1452-1453-1454-1455-1456-1457-1458-1459-1460-1461-1462-1463-1464-1465-1466-1467-1468-1469-1470-1471-1472-1473-1474-1475-1476-1477-1478-1479-1480-1481-1482-1483-1484-1485-1486-1487-1488-1489-1490-1491-1492-1493-1494-1495-1496-1497-1498-1499-1500-1501-1502-1503-1504-1505-1506-1507-1508-1509-1510-1511-1512-1513-1514-1515-1516-1517-1518-1519-1520-1521-1522-1523-1524-1525-1526-1527-1528-1529-1530-1531-1532-1533-1534-1535-1536-1537-1538-1539-1540-1541-1542-1543-1544-1545-1546-1547-1548-1549-1550-1551-1552-1553-1554-1555-1556-1557-1558-1559-1560-1561-1562-1563-1564-1565-1566-1567-1568-1569-1570-1571-1572-1573-1574-1575-1576-1577-1578-1579-1580-1581-1582-1583-1584-1585-1586-1587-1588-1589-1590-1591-1592-1593-1594-1595-1596-1597-1598-1599-1600-1601-1602-1603-1604-1605-1606-1607-1608-1609-1610-1611-1612-1613-1614-1615-1616-1617-1618-1619-1620-1621-1622-1623-1624-1625-1626-1627-1628-1629-1630-1631-1632-1633-1634-1635-1636-1637-1638-1639-1640-1641-1642-1643-1644-1645-1646-1647-1648-1649-1650-1651-1652-1653-1654-1655-1656-1657-1658-1659-1660-1661-1662-1663-1664-1665-1666-1667-1668-1669-1670-1671-1672-1673-1674-1675-1676-1677-1678-1679-1680-1681-1682-1683-1684-1685-1686-1687-1688-1689-1690-1691-1692-1693-1694-1695-1696-1697-1698-1699-1700-1701-1702-1703-1704-1705-1706-1707-1708-1709-1710-1711-1712-1713-1714-1715-1716-1717-1718-1719-1720-1721-1722-1723-1724-1725-1726-1727-1728-1729-1730-1731-1732-1733-1734-1735-1736-1737-1738-1739-1740-1741-1742-1743-1744-1745-1746-1747-1748-1749-1750-1751-1752-1753-1754-1755-1756-1757-1758-1759-1760-1761-1762-1763-1764-1765-1766-1767-1768-1769-1770-1771-1772-1773-1774-1775-1776-1777-1778-1779-1780-1781-1782-1783-1784-1785-1786-1787-1788-1789-1790-1791-1792-1793-1794-1795-1796-1797-1798-1799-1800-1801-1802-1803-1804-1805-1806-1807-1808-1809-1810-1811-1812-1813-1814-1815-1816-1817-1818-1819-1820-1821-1822-1823-1824-1825-1826-1827-1828-1829-1830-1831-1832-1833-1834-1835-1836-1837-1838-1839-1840-1841-1842-1843-1844-1845-1846-1847-1848-1849-1850-1851-1852-1853-1854-1855-1856-1857-1858-1859-1860-1861-1862-1863-1864-1865-1866-1867-1868-1869-1870-1871-1872-1873-1874-1875-1876-1877-1878-1879-1880-1881-1882-1883-1884-1885-1886-1887-1888-1889-1890-1891-1892-1893-1894-1895-1896-1897-1898-1899-1900-1901-1902-1903-1904-1905-1906-1907-1908-1909-1910-1911-1912-1913-1914-1915-1916-1917-1918-1919-1920-1921-1922-1923-1924-1925-1926-1927-1928-1929-1930-1931-1932-1933-1934-1935-1936-1937-1938-1939-1940-1941-1942-1943-1944-1945-1946-1947-1948-1949-1950-1951-1952-1953-1954-1955-1956-1957-1958-1959-1960-1961-1962-1963-1964-1965-1966-1967-1968-1969-1970-1971-1972-1973-1974-1975-1976-1977-1978-1979-1980-1981-1982-1983-1984-1985-1986-1987-1988-1989-1990-1991-1992-1993-1994-1995-1996-1997-1998-1999-2000-2001-2002-2003-2004-2005-2006-2007-2008-2009-2010-2011-2012-2013-2014-2015-2016-2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-2217-2218-2219-2220-2221-2222-2223-2224-2225-2226-2227-2228-2229-2230-2231-2232-2233-2234-2235-2236-2237-2238-2239-2240-2241-2242-2243-2244-2245-2246-2247-2248-2249-2250-2251-2252-2253-2254-2255-2256-2257-2258-2259-2260-2261-2262-2263-2264-2265-2266-2267-2268-2269-2270-2271-2272-2273-2274-2275-2276-2277-2278-2279-2280-2281-2282-2283-2284-2285-2286-2287-2288-2289-2290-2291-2292-2293-2294-2295-2296-2297-2298-2299-2300-2301-2302-2303-2304-2305-2306-2307-2308-2309-2310-2311-2312-2313-2314-2315-2316-2317-2318-2319-2320-2321-2322-2323-2324-2325-2326-2327-2328-2329-2330-2331-2332-2333-2334-2335-2336-2337-2338-2339-2340-2341-2342-2343-2344-2345-2346-2347-2348-2349-2350-2351-2352-2353-2354-2355-2356-2357-2358-2359-2360-2361-2362-2363-2364-2365-2366-2367-2368-2369-2370-2371-2372-2373-2374-2375-2376-2377-2378-2379-2380-2381-2382-2383-2384-2385-2386-2387-2388-2389-2390-2391-2392-2393-2394-2395-2396-2397-2398-2399-2400-2401-2402-2403-2404-2405-2406-2407-2408-2409-2410-2411-2412-2413-2414-2415-2416-2417-2418-2419-2420-2421-2422-2423-2424-2425-2426-2427-2428-2429-2430-2431-2432-2433-2434-2435-2436-2437-2438-2439-2440-2441-2442-2443-2444-2445-2446-2447-2448-2449-2450-2451-2452-2453-2454-2455-2456-2457-2458-2459-2460-2461-2462-2463-2464-2465-2466-2467-2468-2469-2470-2471-2472-2473-2474-2475-2476-2477-2478-2479-2480-2481-2482-2483-2484-2485-2486-2487-2488-2489-2490-2491-2492-2493-2494-2495-2496-2497-2498-2499-2500-2501-2502-2503-2504-2505-2506-2507-2508-2509-2510-2511-2512-2513-2514-2515-2516-2517-2518-2519-2520-2521-2522-2523-2524-2525-2526-2527-2528-2529-2530-2531-2532-2533-2534-2535-2536-2537-2538-2539-2540-2541-2542-2543-2544-2545-2546-2547-2548-2549-2550-2551-2552-2553-2554-2555-2556-2557-2558-2559-2560-2561-2562-2563-2564-2565-2566-2567-2568-2569-2570-2571-2572-2573-2574-2575-2576-2577-2578-2579-2580-2581-2582-2583-2584-2585-2586-2587-2588-2589-2590-2591-2592-2593-2594-2595-2596-2597-2598-2599-2600-2601-2602-2603-2604-2605-2606-2607-2608-2609-2610-2611-2612-2613-2614-2615-2616-2617-2618-2619-2620-2621-2622-2623-2624-2625-2626-2627-2628-2629-2630-2631-2632-2633-2634-2635-2636-2637-2638-2639-2640-2641-2642-2643-2644-2645-2646-2647-2648-2649-2650-2651-2652-2653-2654-2655-2656-2657-2658-2659-2660-2661-2662-2663-2664-2665-2666-2667-2668-2669-2670-2671-2672-2673-2674-2675-2676-2677-2678-2679-2680-2681-2682-2683-2684-2685-2686-2687-2688-2689-2690-2691-2692-2693-2694-2695-2696-2697-2698-2699-2700-2701-2702-2703-2704-2705-2706-2707-2708-2709-2710-2711-2712-2713-2714-2715-2716-2717-2718-2719-2720-2721-2722-2723-2724-2725-2726-2727-2728-2729-2730-2731-2732-2733-2734-2735-2736-2737-2738-2739-2740-2741-2742-2743-2744-2745-2746-2747-2748-2749-2750-2751-2752-2753-2754-2755-2756-2757-2758-2759-2760-2761-2762-2763-2764-2765-2766-2767-2768-2769-2770-2771-2772-2773-2774-2775-2776-2777-2778-2779-2780-2781-2782-2783-2784-2785-2786-2787-2788-2789-2790-2791-2792-2793-2794-2795-2796-2797-2798-2799-2800-2801-2802-2803-2804-2805-2806-2807-2808-2809-2810-2811-2812-2813-2814-2815-2816-2817-2818-2819-2820-2821-2822-2823-2824-2825-2826-2827-2828-2829-2830-2831-2832-2833-2834-2835-2836-2837-2838-2839-2840-2841-2842-2843-2844-2845-2846-2847-2848-2849-2850-2851-2852-2853-2854-2855-2856-2857-2858-2859-2860-2861-2862-2863-2864-2865-2866-2867-2868-2869-2870-2871-2872-2873-2874-2875-2876-2877-2878-2879-2880-2881-2882-2883-2884-2885-2886-2887-2888-2889-2890-2891-2892-2893-2894-2895-2896-2897-2898-2899-2900-2901-2902-2903-2904-2905-2906-2907-2908-2909-2910-2911-2912-2913-2914-2915-2916-2917-2918-2919-2920-2921-2922-2923-2924-2925-2926-2927-2928-2929-2930-2931-2932-2933-2934-2935-2936-2937-2938-2939-2940-2941-2942-2943-2944-2945-2946-2947-2948-2949-2950-2951-2952-2953-2954-2955-2956-2957-2958-2959-2960-2961-2962-2963-2964-2965-2966-2967-2968-2969-2970-2971-2972-2973-2974-2975-2976-2977-2978-2979-2980-2981-2982-2983-2984-2985-2986-2987-2988-2989-2990-2991-2992-2993-2994-2995-2996-2997-2998-2999-3000-3001-3002-3003-3004-3005-3006-3007-3008-3009-3010-3011-3012-3013-3014-3015-3016-3017-3018-3019-3020-3021-3022-3023-3024-3025-3026-3027-3028-3029-3030-3031-3032-3033-3034-3035-3036-3037-3038-3039-3040-3041-3042-3043-3044-3045-3046-3047-3048-3049-3050-3051-3052-3053-3054-3055-3056-3057-3058-3059-3060-3061-3062-3063-3064-3065-3066-3067-3068-3069-3070-3071-3072-3073-3074-3075-3076-3077-3078-3079-3080-3081-3082-3083-3084-3085-3086-3087-3088-3089-3090-3091-3092-3093-3094-3095-3096-3097-3098-3099-3100-3101-3102-3103-3104-3105-3106-3107-3108-3109-3110-3111-3112-3113-3114-3115-3116-3117-3118-3119-3120-3121-3122-3123-3124-3125-3126-3127-3128-3129-3130-3131-3132-3133-3134-3135-3136-3137-3138-3139-3140-3141-3142-3143-3144-3145-3146-3147-3148-3149-3150-3151-3152-3153-3154-3155-3156-3157-3158-3159-3160-3161-3162-3163-3164-3165-3166-3167-3168-3169-3170-3171-3172-3173-3174-3175-3176-3177-3178-3179-3180-3181-3182-3183-3184-3185-3186-3187-3188-3189-3190-3191-3192-3193-3194-3195-3196-3197-3198-3199-3200-3201-3202-3203-3204-3205-3206-3207-3208-3209-3210-3211-3212-3213-3214-3215-3216-3217-3218-3219-3220-3221-3222-3223-3224-3225-3226-3227-3228-3229-3230-3231-3232-3233-3234-3235-3236-3237-3238-3239-3240-3241-3242-3243-3244-3245-3246-3247-3248-3249-3250-3251-3252-3253-3254-3255-3256-3257-3258-3259-3260-3261-3262-3263-3264-3265-3266-3267-3268-3269-3270-3271-3272-3273-3274-3275-3276-3277-3278-3279-3280-3281-3282-3283





Company Name : Inshaa General Company  
 Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh  
 Date of Report : 22-01-2024  
 Report No. : 44  
 Location : Diversion Channel Left  
 Quantity : 45 m<sup>3</sup>

COMPRESSIVE STRENGTH RESULTS OF CUBE 15\*15\*15 CM CONCRETE SPECIMENS

Mix ID: C 250/350

| Date of    | Age       | Location | Weight (gm)                     | AVG Weight (gm) | Density (gm/cm <sup>3</sup> ) | Load (k.N) | Strength (Kg/cm <sup>2</sup> ) | Ave. Strength (Kg/cm <sup>2</sup> ) | Percentage % |
|------------|-----------|----------|---------------------------------|-----------------|-------------------------------|------------|--------------------------------|-------------------------------------|--------------|
| Casting    | Testing   | Days     | St.<br>(457+700) :<br>(457+880) | 8222            | 8240                          | 829        | 376                            | 333                                 | 133          |
|            |           |          |                                 | 8239            |                               | 683        | 309                            |                                     |              |
|            |           |          |                                 | 8260            |                               | 695        | 315                            |                                     |              |
| 25-12-2023 | 22-1-2024 | 28       |                                 |                 | 2.44                          |            |                                |                                     |              |

Note: تم توريد المكعبات بواسطة العميل والمعمل غير مسئول عن كيفية أخذ أو معالجة العينات

Signature /   
 المهندس /   
 CEL  
 مكتب محاسب الاستشارات الهندسية

شركة  
 الإنشاءات العامة IGC  
 Inshaa General Construction

Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh  
Date of Report : 21-01-2024  
Report No. : 43  
Location : Diversion Channel Left  
Quantity : 72 m<sup>3</sup>

COMPRESSIVE STRENGTH RESULTS OF CUBE 15\*15\*15 CM CONCRETE SPECIMENS

Mix ID: C 250/350

| Date of Casting | Age Testing Days | Location                        | Weight (gm) | AVG Weight (gm) | Density (gm/cm <sup>3</sup> ) | Load (k.N) | Strength (Kg/cm <sup>2</sup> ) | Ave. Strength (Kg/cm <sup>2</sup> ) | Percentage % |
|-----------------|------------------|---------------------------------|-------------|-----------------|-------------------------------|------------|--------------------------------|-------------------------------------|--------------|
| 24-12-2023      | 21-1-2024        | St.<br>(457+700) :<br>(457+880) | 8233        | 8212            | 2.43                          | 668        | 303                            | 337                                 | 135          |
|                 |                  |                                 | 8194        |                 |                               | 817        | 370                            |                                     |              |
|                 |                  |                                 | 8209        |                 |                               | 748        | 339                            |                                     |              |
|                 |                  | St.<br>(457+700) :<br>(457+880) | 8111        | 8157            | 2.42                          | 777        | 352                            | 349                                 | 140          |
|                 |                  |                                 | 8179        |                 |                               | 841        | 381                            |                                     |              |
|                 |                  |                                 | 8181        |                 |                               | 695        | 315                            |                                     |              |

Note: تم توريد المكعبات بواسطة العميل والمعمل غير مسئول عن كيفية أخذ العينات الجيدة

مكتب محامل الاستشارات الهندسية  
المحامل الهندسي  
بمحافظة بورسعيد  
الشارع رقم 10 - بورسعيد  
الهاتف : 066-37269238 - 37269239  
الفاكس : 066-37269238 - 37269239







Quantity : 32 m<sup>3</sup>

Scanned with  
CamScanner








| APPROVAL STATUS          |                |                                                                                      |           |         |
|--------------------------|----------------|--------------------------------------------------------------------------------------|-----------|---------|
| Organisation             | Name           | Sign                                                                                 | Date      | A-AWC-R |
| Contractor               | م/ محمود شعبان |  | 7-2-2024  | A       |
| QA/QC                    | م/ محمود عادل  |   | 7-2-2024  | A       |
| GARB *                   | م/ مصطفى نجم   |   | 8-2-2024  | A       |
| Employers Representative | م/ محمد ماهر   |   | 20-2-2024 | Aus c   |

A= Approved; AWC= Approved with Comments; R= Rejected



Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh  
Date of Report : 07-02-2024  
Report No. : 59  
Location : Slop Protection Left  
Quantity : 36 m<sup>3</sup>

COMPRESSIVE STRENGTH RESULTS OF CUBE 15\*15\*15 CM CONCRETE SPECIMENS

Mix ID: C 250/350

| Date of Casting | Age Testing Days | Location                                                          | Weight (gm) | AVG Weight (gm) | Density (gm/cm <sup>3</sup> ) | Load (k.N) | Strength (Kg/cm <sup>2</sup> ) | Ave. Strength (Kg/cm <sup>2</sup> ) | Percentage % |
|-----------------|------------------|-------------------------------------------------------------------|-------------|-----------------|-------------------------------|------------|--------------------------------|-------------------------------------|--------------|
| 10-1-2024       | 7-2-2024         | St.<br>(458+692):<br>(458+732),<br>St.<br>(458+512):<br>(458+668) | 8351        | 8355            | 2.48                          | 706        | 320                            | 322                                 | 129          |
|                 |                  |                                                                   | 8436        |                 |                               | 700        | 317                            |                                     |              |
|                 |                  |                                                                   | 8278        |                 |                               | 725        | 328                            |                                     |              |

Note: تم تزويد المكعبات بواسطة العميل والمعمل غير مسؤول عن كيفية الاختبار في الموقع

المساحق بالأسفلاني  
بمعدلات 518:5091-557  
مختبر الهندسة  
Signature: .....

شركة  
البناء للمقاولات العامة  
IGC  
00517061100

|                |                                                               |
|----------------|---------------------------------------------------------------|
| Company Name   | : Inshaa General Company                                      |
| Project        | : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh |
| Date of Report | : 06-02-2024                                                  |
| Report No.     | : 57                                                          |
| Location       | : Slop Protection Left                                        |
| Quantity       | : 45 m³                                                       |

### COMPRESSIVE STRENGTH RESULTS OF CUBE 15\*15\*15 CM CONCRETE SPECIMENS

Mix ID: C 250/350

| Date of Casting | Age Testing Days | Location | Weight (gm) | AVG Weight (gm) | Density               | Load (k.N) | Strength (Kg/cm <sup>2</sup> ) | Ave. Strength (Kg/cm <sup>2</sup> ) | Percentage % |
|-----------------|------------------|----------|-------------|-----------------|-----------------------|------------|--------------------------------|-------------------------------------|--------------|
|                 |                  |          |             |                 | (gm/cm <sup>3</sup> ) |            |                                |                                     |              |
| 9-1-2024        | 6-2-2024         | 28       | St.         |                 | 2.48                  | 709        | 321                            | 319                                 | 128          |
|                 |                  |          | (458+512) : |                 |                       |            |                                |                                     |              |
|                 |                  |          | (458+668)   |                 |                       |            |                                |                                     |              |
|                 |                  |          | 8426        | 8367            |                       |            |                                |                                     |              |
|                 |                  |          | 8266        |                 |                       | 683        | 309                            |                                     |              |
|                 |                  |          | 8408        |                 |                       | 721        | 327                            |                                     |              |

Note: لم توريد الكميات بواسطة العميل والعمل غير منسوخ عن كيفية اختياره للخدمة

Signature / ..... **CEL** .....  
 2025-05-20 14:00:00  
 2025-05-20 14:00:00



Company Name : Inshaa General Company  
 Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh  
 Date of Report : 05-02-2024  
 Report No. : 55  
 Location : Slop Protection Left  
 Quantity : 45 m<sup>3</sup>

COMPRESSIVE STRENGTH RESULTS OF CUBE 15\*15\*15 CM CONCRETE SPECIMENS

Mix ID: C 250/350

| Date of Casting | Age<br>Days | Location                        | Weight<br>(gm) | AVG<br>Weight<br>(gm) | Density<br>(gm/cm <sup>3</sup> ) | Load<br>(k.N) | Strength<br>(Kg/cm <sup>2</sup> ) | Ave.<br>Strength<br>(Kg/cm <sup>2</sup> ) | Percentage<br>% |
|-----------------|-------------|---------------------------------|----------------|-----------------------|----------------------------------|---------------|-----------------------------------|-------------------------------------------|-----------------|
| 8-1-2024        | 5-2-2024    | St.<br>(458+512) :<br>(458+668) | 8406           | 8395                  | 2.49                             | 781           | 354                               | 342                                       | 137             |
|                 |             |                                 | 8370           |                       |                                  | 683           | 309                               |                                           |                 |
|                 |             |                                 | 8410           |                       |                                  | 801           | 363                               |                                           |                 |

Note: تم تزويد العينات بواسطة العميل والعمل غير مسئول عن نتيجة اختبار أو تحليل العينات

**CEL**  
مكتب معامل الاستشارات الهندسية  
المسجل المهنى  
Signature / 1519: 05022024  
تم تزويد العينات بواسطة العميل - قوسه - قوسه

شركة  
البناء للخدمات العامة  
Inshaa General Construction










|                                                                                                                                                                                                                                                                      |                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <p>Comments by: SGAC <i>M. Adel</i></p> <p><i>Test Results is</i></p> <div style="border: 1px solid blue; padding: 5px; display: inline-block;"> <p>مركز الاستشارات الهندسية<br/>للخرق والمطابق<br/>د. د. سعد محمد الجيوشي<br/>مشروع القطار السريع قطاع ٦</p> </div> | <p>Comments by: SYSTRA</p> <p>Pouring and concrete cubes are contractor and sgac consultant responsibility.</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|

\* Alignment / Bridges: Culvert Only

An = Approved; AWC = Approved with Comments; R = Rejected

شركة انشاء للمقاولات العامة  
أيمن محمد محمود رضوان وشركته  
٢٥٥٧٦١ من ٥١٩ ١٦٦-١١١ Page 1 of 1  
٢ من ١



Quantity : 18 m<sup>3</sup>

## Mix ID: C 250/350

تم توريد المكعبات بواسطة العميل والعمل غير مستوفى عن كلفة اذ لم يعالجه العميل

Figure 1. The effect of the concentration of the solution on the adsorption of the dye.

المستأجر: المالك

Signature: \_\_\_\_\_





Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh  
Date of Report : 05-02-2024  
Report No. : 56  
Location : Slop Protection Left  
Quantity : 18 m<sup>3</sup>

COMPRESSIVE STRENGTH RESULTS OF CUBE 15\*15\*15 CM CONCRETE SPECIMENS

Mix ID: C 250/350

| Date of  |          | Age  | Location                        | Weight<br>(gm) | AVG<br>Weight<br>(gm) | Density               | Load<br>(k.N) | Strength<br>(Kg/cm <sup>2</sup> ) | Ave.<br>Strength<br>(Kg/cm <sup>2</sup> ) | Percentage<br>% |
|----------|----------|------|---------------------------------|----------------|-----------------------|-----------------------|---------------|-----------------------------------|-------------------------------------------|-----------------|
|          |          | Days |                                 |                |                       | (gm/cm <sup>3</sup> ) |               |                                   |                                           |                 |
| Casting  | Testing  | Days | St.<br>(458+692) :<br>(458+732) | 8435           | 8407                  | 2.49                  | 749           | 339                               | 342                                       | 137             |
|          |          |      |                                 | 8415           |                       |                       | 813           | 368                               |                                           |                 |
|          |          |      |                                 | 8372           |                       |                       | 700           | 317                               |                                           |                 |
| 8-1-2024 | 5-2-2024 | 28   |                                 |                |                       |                       |               |                                   |                                           |                 |

Note: تم توريد المكعبات بواسطة العميل والعمل غير مسئول عن كيفية الخلل معالجة العينات

**CEL**  
مكتب محاسن الاستشارات الهندسية  
الشارع الرئيسي / القاهرة  
Signature / .....  
م. محمد علي محمد علي - 0111 555 5555  
م. محمد علي محمد علي - 0111 555 5555



| Green Line                 |                    |                    |           |                  |          |
|----------------------------|--------------------|--------------------|-----------|------------------|----------|
| Location Name              |                    | Contractor Company |           | Designer Company |          |
| From st 457+600 to 457+700 |                    | Inshaa company     |           | SGAC             |          |
| Issued by Contractor       | Name               | Sign               | Date      | Designation      |          |
|                            | Eng/Mahmoud Shaban |                    | 18-9-2023 |                  |          |
| Contractor Reference       |                    |                    |           |                  | Revision |
| Received by ER             | Name               | Sign               | TRF       | DD               | MM       |
|                            |                    |                    |           | 20               | 2        |

NB: Package 1 Only (Package 2 via Aconex)

**THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW**

| Description of Test | Compression tests of cubes for slope protection right for st 457+600 to 457+700 for quantity = 90m <sup>3</sup> |                  |                        |           |
|---------------------|-----------------------------------------------------------------------------------------------------------------|------------------|------------------------|-----------|
| Location of Test    | Talaat mustafa                                                                                                  |                  |                        |           |
| Item                | Specification                                                                                                   | Test Requirement | Test Result Attachment | Remarks   |
| 1                   | E.E.T Specs                                                                                                     | تكملة 7 طم       | Talaat mustafa         | Pass. 391 |
| 2                   |                                                                                                                 |                  |                        | Pass. 314 |
| 3                   |                                                                                                                 |                  |                        |           |
| 4                   |                                                                                                                 |                  |                        |           |
| 5                   |                                                                                                                 |                  |                        |           |

|                                                                                                                                                |                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Comments by: SGAC Mahmoud Adel                                                                                                                 | Comments by: SYSTRA                                                                  |
| <p>the test Results</p> <p>is approved</p> <p>مركز الاستشارات الهندسية<br/>للمسوحات الجيوديسية<br/>والهندسة المعمارية<br/>والهندسة المدنية</p> | <p>Pouring and concrete cubes are contractor and sgac consultant responsibility.</p> |

| APPROVAL STATUS          |                 |      |           |         |
|--------------------------|-----------------|------|-----------|---------|
| Organisation             | Name            | Sign | Date      | A-AWC-R |
| Contractor               | م / محمود شعبان |      | 18-9-2023 | A       |
| QA/QC                    | م / محمود عادل  |      | 18-9-2023 | A       |
| GARB *                   | م / مصطفى نجم   |      | 19-9-2023 | A       |
| Employers Representative | م / محمد ماهر   |      | 20-2-24   |         |

\* Alignment / Bridges: Culvert Only

A= Approved; AWC= Approved with Comments; R= Rejected

شركة انشاء المقاولات العامة  
أحمد محمد محمود رضوان وشركته  
ب. ٢٦٩-٠٠٤ ١٩٠ ب. ٢٥٧٩١

### Compressive Strength Of Test Concrete Cube Specimens

|                  |                                                      |            |       |
|------------------|------------------------------------------------------|------------|-------|
| Company:         | شركة انشاء للتعمير                                   |            |       |
| Batch Plant      | محطة القلج                                           |            |       |
| Location         | k/457+600 - k/457+700                                | Quantity : | 36 m3 |
| Sample Dimension | 15 cm * 15cm *15cm                                   |            |       |
| Contractor       | General Authority For Roads Bridges & Land Transport |            |       |
| Project          | Electric Express Train ( Track Alignment )           |            |       |

|                |           |
|----------------|-----------|
| Date of Test : | 18/9/2023 |
| Casting Date : | 11/9/2023 |

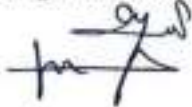
### The Results Of Crushing Cubes After The Age Of 7 Days

| Cube No | Structure        | Cement Content   | Weight | Strength | Stress  | Average ( kg / cm2 ) |
|---------|------------------|------------------|--------|----------|---------|----------------------|
|         | Stress           |                  | k.g    | k.n      | k.g/Cm2 |                      |
| 1       | Right side       | 350 ( kg / cm3 ) | 8.333  | 863      | 391     | 391                  |
| 2       | Slope Protection |                  | 8.342  | 921      | 417     |                      |
| 3       | 250 ( kg / cm2 ) |                  | 8.107  | 805      | 365     |                      |

Comment :-

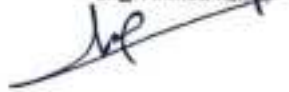
Lab . Engineer

Eng / Mohamed samy



QC . Engineer

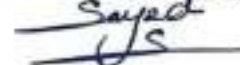
Eng/ Ahmed Rzk



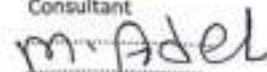


Lab . Manger

Eng /Elsayed /sahel



Consultant



شركة انشاء للمقاولات العامة  
 ايمن محمد محمود رضوان وشركته  
 ب. خ. ٢٠٠٤ - ١٩٠٠٢٦ من ت. ٢٤٥٧٢١



### Compressive Strength Of Test Concrete Cube Specimens

|                  |                                                     |            |       |
|------------------|-----------------------------------------------------|------------|-------|
| company:         | شركة انشاء للمقاولات                                |            |       |
| Batch Plant      | محطة الفتح                                          |            |       |
| Location         | k/457+600 - k/457+700                               | Quantity : | 54 m3 |
| Sample Dimension | 15 cm * 15cm *15cm                                  |            |       |
| Contractor       | General Authority For Roads Bridges &Land Transport |            |       |
| Project          | Electric Express Train ( Track Alignment )          |            |       |

|                |           |
|----------------|-----------|
| Date of Test : | 17/9/2023 |
| Casting Date : | 10/9/2023 |

### The Results Of Crushing Cubes After The Age Of 7 Days

| Cube No | Structure        | Cement Content   | Weight | Strength | Stress | Average ( kg / cm2 ) |
|---------|------------------|------------------|--------|----------|--------|----------------------|
|         | Stress           |                  | k.g    | k.n      | kg/Cm2 |                      |
| 1       | Right side       | 350 ( kg / cm3 ) | 8.377  | 710      | 322    | 314                  |
| 2       | Slope Protection |                  | 8.385  | 713      | 323    |                      |
| 3       | 250 ( kg / cm2 ) |                  | 8.343  | 659      | 299    |                      |

comment :-

Lab . Engineer

Eng / Mohamed samy



QC , Engineer

Eng/ Ahmed Rizk

*[Signature]*

Cab. Manager  
 Eng. Elsayed

Conclusions

M. Adel

شركة إنشاء للمقاولات العامة  
أيمن محمد محمود رضوان وشريكة  
ب.ض. ٠٠٤١-٠٢٦ ٢٩٩ عر ت ٠٠٢٢٢

# Al-Fateh Ready Mix Concrete

Date : 10-9-2023

Time : 14:13:21

Client Name \ اسم العميل :

Mix Code \ اسم الخلطة :

Truck Number \ رقم الشاحنة :

Driver Name \ اسم السائق :

Quantity \ الكمية المطلوبة :

Quantity/batch \ حجم الخلطة :

Number Of Batches \ عدد البعثات :

Batches

SAND1

SAND2

AGG2

AGG1

CEM1

CEM2

CEM3

CEM4

WATER

add1

add2

ACT

TAR

DEF

Tote %

0

0

0

0

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0

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2023-9-10





727

## Al-Patch Ready Mix Concrete

1000-0000

Time: 03:04:22

1. *Staphylococcus aureus* (100%)

الحمد لله الذي جعلنا من  
العلماء والفقهاء والحنابلة  
والشافعية والحنفية والزيدية  
والسنية والشيعة واليهودية والنصارى  
والصابئة والمجوس والصابئة والمجوس  
والصابئة والمجوس والصابئة والمجوس

2. பெரிய கிணத்திலிருந்து - சுமார் 100 மீட்டர்கள்  
 3. பெரிய கிணத்திலிருந்து - சுமார் 100 மீட்டர்கள்

Living Stones - Blind and  
Mute  
England, 1920  
Vol. 1, No. 1

Copyright: Registered by the Copyright Clearance Center, Inc., 222 Rosewood Drive, Danvers, MA 01923. 0896-6460/96 \$04.00 + .00.

Community Outreach: *Local* and  
Tribal

| Sample<br>No. | SAND<br>78% | SLT<br>20% | FLY<br>ASH<br>20% | CEM1<br>35% | CEM2<br>0 | CEM3<br>0 | CEM4<br>0 | WATER<br>18% | add<br>5.0% | add<br>0.0% |
|---------------|-------------|------------|-------------------|-------------|-----------|-----------|-----------|--------------|-------------|-------------|
| 1             | 0           | 1379       | 962               | 632         | 0         | 0         | 0         | 325          | 9.00        | 0.00        |
| 2             | 0           | 1415       | 967               | 625         | 0         | 0         | 0         | 325          | 9.06        | 0.00        |
| 3             | 0           | 1379       | 1006              | 632         | 0         | 0         | 0         | 324          | 8.92        | 0.00        |
| 4             | 0           | 1404       | 914               | 627         | 0         | 0         | 0         | 322          | 9.21        | 0.00        |
| 5             | 0           | 1374       | 967               | 635         | 0         | 0         | 0         | 325          | 8.69        | 0.00        |

[illegible]

2023.9-10-3206

36

## Al-Fateh Ready Mix Concrete

Date : 10-9-2023

Client Name \ اسم العميل  
الشاهMix Code \ اسم الخلطة  
c250/350 القطارTruck Number \ رقم السيارة  
10Number Of Batches \ عدد البعثات  
5Driver Name \ اسم السائق  
MandoQuantity \ الكمية المطلوبة  
9,000 MQuantity/batch \ حجم البعثة  
1,800 M

| Batches | SAND1 | SAND2 | AGG2 | AGG1 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | add1 | add2 |
|---------|-------|-------|------|------|------|------|------|------|-------|------|------|
| 0       | 780   | 540   | 540  | 540  | 350  | 0    | 0    | 0    | 180   | 5.00 | 0.00 |
| 1       | 0     | 1403  | 989  | 969  | 630  | 0    | 0    | 0    | 324   | 8.99 | 0.00 |
| 2       | 0     | 1406  | 929  | 978  | 631  | 0    | 0    | 0    | 322   | 9.04 | 0.00 |
| 3       | 0     | 1394  | 1010 | 973  | 625  | 0    | 0    | 0    | 326   | 8.92 | 0.00 |
| 4       | 0     | 1418  | 963  | 961  | 635  | 0    | 0    | 0    | 326   | 9.09 | 0.00 |
| 5       | 0     | 1404  | 972  | 979  | 630  | 0    | 0    | 0    | 324   | 8.87 | 0.00 |

|     |   |      |      |      |      |   |   |   |      |       |      |
|-----|---|------|------|------|------|---|---|---|------|-------|------|
| ACT | 0 | 7025 | 4863 | 4860 | 3149 | 0 | 0 | 0 | 1622 | 44.91 | 0.00 |
| TAR | 0 | 7020 | 4860 | 4860 | 3150 | 0 | 0 | 0 | 1620 | 45.00 | 0.00 |

|        |      |      |      |      |       |      |      |      |      |       |      |
|--------|------|------|------|------|-------|------|------|------|------|-------|------|
| DIF    | 0    | 5    | 3    | 0    | -1    | 0    | 0    | 0    | 2    | -0.09 | 0.00 |
| Tolc % | 0.00 | 0.07 | 0.06 | 0.00 | -0.03 | 0.00 | 0.00 | 0.00 | 0.12 | -0.20 | 0.00 |

2023-9-10-3207

Time: 08:16:32

شركة انشاء للمقاولات  
أيمز محمد محمود رضوان وشركته  
ب. فر: ٠٠٤ ٠٢٦ ٠١٩ ٠٠٠

45

# Al-Fateh Ready Mix Concrete

Date : 10-9-2023

Time : 08:43:09

شركة انشاء للمقاولات  
 ايمن محمد محمود (مهندس) شركة  
 ب. فر. ٢٢ - ٢٦ - ٢٠١٩

اسم العميل \ نشاء  
 اسم الخلطة \ c250/350  
 رقم السيارة \ 10  
 اسم السائق \ مando  
 الكمية المطلوبة \ 9,000 M  
 عدد الشاحنات \ 5  
 حجم الخلطة / Batch \ 1,800 M

| Batches | SAND1 | SAND2 | AGG2 | AGG1 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | add1 | add2 |
|---------|-------|-------|------|------|------|------|------|------|-------|------|------|
| 0       | 780   | 540   | 540  | 540  | 350  | 0    | 0    | 0    | 180   | 5.00 | 0.00 |
| 1       | 0     | 1411  | 956  | 970  | 630  | 0    | 0    | 0    | 325   | 8.97 | 0.00 |
| 2       | 0     | 1401  | 988  | 965  | 627  | 0    | 0    | 0    | 322   | 9.09 | 0.00 |
| 3       | 0     | 1399  | 966  | 993  | 639  | 0    | 0    | 0    | 326   | 8.96 | 0.00 |
| 4       | 0     | 1404  | 1004 | 969  | 616  | 0    | 0    | 0    | 323   | 8.99 | 0.00 |
| 5       | 0     | 1401  | 927  | 958  | 636  | 0    | 0    | 0    | 323   | 8.86 | 0.00 |

|        |      |       |       |       |       |      |      |      |       |       |      |
|--------|------|-------|-------|-------|-------|------|------|------|-------|-------|------|
| ACT    | 0    | 7016  | 4841  | 4855  | 3148  | 0    | 0    | 0    | 1619  | 44.87 | 0.00 |
| TAR    | 0    | 7020  | 4860  | 4860  | 3150  | 0    | 0    | 0    | 1620  | 45.00 | 0.00 |
| DIF    | 0    | -4    | -19   | -5    | -2    | 0    | 0    | 0    | -1    | -0.13 | 0.00 |
| Tote % | 0.00 | -0.06 | -0.39 | -0.10 | -0.06 | 0.00 | 0.00 | 0.00 | -0.06 | -0.29 | 0.00 |

2023-9-10-3209



54

# Al-Fateh Ready Mix Concrete

Date : 10-9-2023

Time : 09:16:12

Client Name \ اسم العميل

Mix Code \ اسم الخلطة

Truck Number \ رقم السيارة

Number Of Batches \ عدد البعثات

Driver Name \ اسم السائق

Mando

الكمية المطلوبة

9,000 M<sup>3</sup>

Quantity

Quantity

Quantity

Quantity

Quantity

Quantity

Quantity

Quantity

Quantity

Quantity

Quantity

Quantity

Quantity

Quantity

Quantity

Quantity

Quantity

Quantity

Quantity

Quantity

Quantity

63

## Al-Fatch Ready Mix Concrete

Date : 11-9-2023

Time : 08:33:40

Client Name \ اسم العميل  
انشاء

Mix Code \ اسم الخلطة

c250/350

Truck Number \ رقم السيارة

10

Number Of Batches \ عدد البعثات

5

Driver Name \ اسم السائق

Mando

Quantity \ الكمية

9,000 M

Quantity/batch \ حجم البعثة

1,800 M

|         | SAND1 | SAND2 | AGG2  | AGG1 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | add1  | add2 |
|---------|-------|-------|-------|------|------|------|------|------|-------|-------|------|
|         | 0     | 780   | 540   | 540  | 350  | 0    | 0    | 0    | 180   | 5.00  | 0.00 |
| Batches |       |       |       |      |      |      |      |      |       |       |      |
| 1       | 0     | 1402  | 977   | 978  | 630  | 0    | 0    | 0    | 426   | 9.03  | 0.00 |
| 2       | 0     | 1410  | 943   | 970  | 631  | 0    | 0    | 0    | 426   | 9.03  | 0.00 |
| 3       | 0     | 1397  | 1014  | 975  | 627  | 0    | 0    | 0    | 426   | 9.03  | 0.00 |
| 4       | 0     | 1411  | 961   | 954  | 635  | 0    | 0    | 0    | 426   | 9.03  | 0.00 |
| 5       | 0     | 1405  | 938   | 985  | 628  | 0    | 0    | 0    | 426   | 9.03  | 0.00 |
| ACT     | 0     | 7025  | 4833  | 4862 | 3151 | 0    | 0    | 0    | 1618  | 45.03 | 0.00 |
| TAR     | 0     | 7020  | 4860  | 4860 | 3150 | 0    | 0    | 0    | 1620  | 45.00 | 0.00 |
| DIF     | 0     | 5     | -27   | 2    | 1    | 0    | 0    | 0    | -2    | 0.03  | 0.00 |
| Tote %  | 0.00  | 0.07  | -0.56 | 0.04 | 0.03 | 0.00 | 0.00 | 0.00 | -0.12 | 0.07  | 0.00 |

2023-9-11-3216

بكرة انشاء للمقاواة العامة  
من محمد محمود رمضان وحسين  
بكرة انشاء للمقاواة العامة

72

شركة انشاء للمقاولات العامة  
أيمن محمد محمود رضوان وشريكة  
ب. ض. ٢٠٠٤ - ٢٦ - ١٩٠٠ د. م. ٢٤٢٧٠

## Al-Fateh Ready Mix Concrete

Date : 11-9-2023

Time : 08:33:11

Client Name \ اسم العميل

البناء

Mix Code \ اسم الخلطة

القطار ٢٢٥٠/٣٥٠

Truck Number \ رقم السيارة

١٠

Driver Name \ اسم السائق

Mando

Number Of Batches \ عدد الباتشات

5

Quantity \ الكمية المطلوبة

9.000 M

Quantity Batch \ حجم الباتشة

1.800 M

|         | SAND1 | SAND2 | AGG2 | AGG1  | CEM1 | CEM2 | CEM3 | CEM4 | WATER | add1  | add2 |
|---------|-------|-------|------|-------|------|------|------|------|-------|-------|------|
|         | 0     | 780   | 540  | 540   | 350  | 0    | 0    | 0    | 180   | 5.00  | 0.00 |
| Batches |       |       |      |       |      |      |      |      |       |       |      |
| 1       | 0     | 1404  | 980  | 972   | 636  | 0    | 0    | 0    | 323   | 8.95  | 0.00 |
| 2       | 0     | 1406  | 982  | 981   | 623  | 0    | 0    | 0    | 326   | 9.19  | 0.00 |
| 3       | 0     | 1411  | 942  | 955   | 635  | 0    | 0    | 0    | 322   | 8.67  | 0.00 |
| 4       | 0     | 1380  | 974  | 984   | 627  | 0    | 0    | 0    | 325   | 9.39  | 0.00 |
| 5       | 0     | 1427  | 997  | 965   | 631  | 0    | 0    | 0    | 324   | 8.92  | 0.00 |
| ACT     | 0     | 7028  | 4875 | 4857  | 3152 | 0    | 0    | 0    | 1620  | 45.12 | 0.00 |
| TAR     | 0     | 7020  | 4860 | 4860  | 3150 | 0    | 0    | 0    | 1620  | 45.00 | 0.00 |
| DIF     | 0     | 8     | 15   | -3    | 2    | 0    | 0    | 0    | 0     | 0.12  | 0.00 |
| Tota %  | 0.00  | 0.11  | 0.31 | -0.06 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00  | 0.27  | 0.00 |

2023-9-11-3217



81

شركة انشاء للمقاولات العامة  
محمد محمود رضوان وشركته  
٢٠٠٤-٠٩-١٩ م.ب. ٢٠٠٤

# Al-Fatch Ready Mix Concrete

Date : 11-9-2023

Time : 08:42:36

Client Name \ اسم العميل

انشاء

Mix Code \ اسم الخلطة

c250/350 القطر

Truck Number \ رقم السيارة

10

Driver Name \ اسم السائق

Mando

Number Of Batches \ عدد البعثات

5

Quantity \ الكمية المطلوبة

9.000 M

Quantity/batch \ حجم البعثة

1.800 M

|         | SAND1 | SAND2 | AGG2  | AGG1  | CEM1  | CEM2 | CEM3 | CEM4 | WATER | add1  | add2 |
|---------|-------|-------|-------|-------|-------|------|------|------|-------|-------|------|
|         | 0     | 780   | 540   | 540   | 350   | 0    | 0    | 0    | 180   | 5.00  | 0.00 |
| Batches |       |       |       |       |       |      |      |      |       |       |      |
| 1       | 0     | 1407  | 973   | 969   | 625   | 0    | 0    | 0    | 323   | 8.97  | 0.00 |
| 2       | 0     | 1399  | 947   | 973   | 631   | 0    | 0    | 0    | 325   | 8.96  | 0.00 |
| 3       | 0     | 1409  | 989   | 980   | 632   | 0    | 0    | 0    | 325   | 9.24  | 0.00 |
| 4       | 0     | 1402  | 1015  | 971   | 620   | 0    | 0    | 0    | 322   | 8.78  | 0.00 |
| 5       | 0     | 1403  | 928   | 964   | 636   | 0    | 0    | 0    | 326   | 9.06  | 0.00 |
| ACT     | 0     | 7020  | 4852  | 4857  | 3144  | 0    | 0    | 0    | 1621  | 45.01 | 0.00 |
| TAR     | 0     | 7020  | 4860  | 4860  | 3150  | 0    | 0    | 0    | 1620  | 45.00 | 0.00 |
| DIF     | 0     | 0     | -8    | -3    | -6    | 0    | 0    | 0    | 1     | 0.01  | 0.00 |
| Tote %  | 0.00  | 0.00  | -0.16 | -0.06 | -0.19 | 0.00 | 0.00 | 0.00 | 0.06  | 0.02  | 0.00 |

2023-9-11-3218

90

شركة انشاء للمقاولات العامة  
 ايمن محمد محمود رضوان وشريكة  
 ب.ض. ٠٠٤١ - ٠٢٦ - ٢١٩ - ٠٠٠

# Al-Fatch Ready Mix Concrete

Date : 11-9-2023

Time : 12:10:00

Client Name \ اسم العميل

Mix Code \ اسم الخلطة

c250/350 القطار

Truck Number \ رقم السيارة

10

Driver Name \ اسم السائق

Mando

Number Of Batches \ عدد الخلطات

5

Quantity \ الكمية المطلوبة

9,000 M

Quantity/batch \ حجم الخلطة

1,800 M

|          | SAND1 | SAND2 | AGG2 | AGG1  | CEM1  | CEM2 | CEM3 | CEM4 | WATER | add1  | add2 |
|----------|-------|-------|------|-------|-------|------|------|------|-------|-------|------|
|          | 0     | 790   | 540  | 540   | 350   | 0    | 0    | 0    | 180   | 5.00  | 0.00 |
| Batches- |       |       |      |       |       |      |      |      |       |       |      |
| 1        | 0     | 1403  | 966  | 967   | 631   | 0    | 0    | 0    | 325   | 9.75  | 0.00 |
| 2        | 0     | 1409  | 983  | 976   | 630   | 0    | 0    | 0    | 324   | 8.21  | 0.00 |
| 3        | 0     | 1394  | 962  | 974   | 627   | 0    | 0    | 0    | 325   | 9.03  | 0.00 |
| 4        | 0     | 1414  | 978  | 968   | 634   | 0    | 0    | 0    | 322   | 8.92  | 0.00 |
| 5        | 0     | 1399  | 991  | 967   | 627   | 0    | 0    | 0    | 325   | 9.09  | 0.00 |
| ACT      | 0     | 7019  | 4880 | 4852  | 3149  | 0    | 0    | 0    | 1621  | 45.00 | 0.00 |
| TAR      | 0     | 7020  | 4860 | 4860  | 3150  | 0    | 0    | 0    | 1620  | 45.00 | 0.00 |
| DIF      | 0     | -1    | 20   | -8    | -1    | 0    | 0    | 0    | 1     | 0.00  | 0.00 |
| Tote %   | 0.00  | -0.01 | 0.41 | -0.16 | -0.03 | 0.00 | 0.00 | 0.00 | 0.06  | 0.00  | 0.00 |

2023-9-11-3220

|                                                                |                           |                           |                  |                         |
|----------------------------------------------------------------|---------------------------|---------------------------|------------------|-------------------------|
| <b>Green Line</b>                                              |                           |                           |                  |                         |
| <b>Location Name</b>                                           |                           | <b>Contractor Company</b> |                  | <b>Designer Company</b> |
| Kp 458+600-458+800<br>Kp 458+800-460+600<br>Kp 460+600-461+200 |                           | انشاء للمقاولات العامة    |                  | sgac                    |
| <b>Contractor ISSUED</b>                                       | <b>Name</b>               | <b>Sign</b>               | <b>Date</b>      | <b>Designation</b>      |
|                                                                | Eng: mahmoud shaban ahmed | محمد شهاب احمد            | 6/9/2023         |                         |
| <b>Contractor Reference</b>                                    |                           |                           |                  | <b>Revision</b>         |
| NB: Package 1 Only (Package 2 via Aconex)                      |                           |                           |                  |                         |
| THE FOLLOWING DOCUMENTS ARE ATTACHED FOR REVIEW                |                           |                           |                  |                         |
| <b>Item</b>                                                    | <b>Document No</b>        | <b>Revision</b>           | <b>Title</b>     | <b>Number Sheets</b>    |
| 1                                                              | The batch plant           |                           | AL FATAH batch - |                         |
| 2                                                              | approved before           |                           | Plant.           |                         |
| 3                                                              | for AL NOBY co.           |                           |                  |                         |
| 6                                                              |                           |                           |                  |                         |
| 7                                                              |                           |                           |                  |                         |
| 8                                                              |                           |                           |                  |                         |
| 9                                                              |                           |                           |                  |                         |

|                           |                                   |                                                                                     |                                                 |                                   |
|---------------------------|-----------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------|
| <b>Designer RECEIPT</b>   | <b>Name</b>                       | <b>Sign</b>                                                                         | <b>Designation</b>                              | <b>Date</b>                       |
|                           | m-Negm                            |  |                                                 |                                   |
| <b>Designer Reference</b> |                                   |                                                                                     |                                                 | <b>Revision</b>                   |
| <b>Designer Comments:</b> |                                   |                                                                                     |                                                 |                                   |
|                           |                                   |                                                                                     |                                                 |                                   |
| <b>Designer Status</b>    | Approved <input type="checkbox"/> |                                                                                     | Approved with Comments <input type="checkbox"/> | Rejected <input type="checkbox"/> |
| <b>Designer REPLY</b>     | <b>Name</b>                       | <b>Sign</b>                                                                         | <b>Date</b>                                     | <b>Designation</b>                |
|                           |                                   |                                                                                     |                                                 |                                   |

**Note:**

- Response from the Designer is not mandatory for every submission, but may be necessary for previously approved design related subjects
- Response to Contractor's Submission by the Employers Representative (ER) shall be by Letter and Review and Comment Sheet (RCS) with any comments attached and the status of approval
- Receipt of Submission via EDMS will not be signed by ER

شركة انشاء للمقاولات العامة  
أيمن محمد محمود رضوان وشريكة

File SUB Submission by Contractors Review





# Submission Review and Comment Sheet



## REVIEW NOTICE

|                     |                                           |                   |                       |
|---------------------|-------------------------------------------|-------------------|-----------------------|
| RCS Number          |                                           |                   |                       |
| Transmittal Date    | 06-09-2023                                | Receiving Date    | 06-09-2023            |
| Transmittal No      |                                           | Document Number   |                       |
| Contractor Name     | INSHAA GENERAL CONSTRUCTION               | Document Revision |                       |
| Designer            | EL NIL                                    | Location          | KP 457+600 TO 461+200 |
| Transmittal Subject | PREQUALIFICATION FOR AL FATEH BATCH PLANT |                   |                       |
| Document Title      |                                           |                   |                       |

The following Notes apply to this Review:

- The Contractor may include many documents in one submission (Transmittal form) however where possible, it is ER policy to reply individually to each listed submitted document.
- If appropriate, ER may respond to many documents received on one submission (Transmittal Form) where one response will be applied to the entire submission package.
- Document number shall be a document in the transmission list (usually the first number listed)
- This Review comments comprises all of the pages listed in the footer below
- The Review Notice Status shown below applies to all documents described in the Comments Sheet
- Major (M) classified comments are issued when the referenced document submission fails to meet or describe a requirement in respect of how the submission requirement is organised, implemented or maintained and without correction will introduce a major risk and will jeopardise the effectiveness of the submission if implemented
- Minor (m) classified comments are issued when the referenced document submission fails to meet or describe a requirement in respect of how the submission requirement is organised, implemented or maintained and without correction may jeopardise the effectiveness of the submission.
- The Contractor must state if their response to ER Comments have been incorporated (I) into a revised document or, shall not be incorporated (NI) as described
- Any ASCII character may be used to denote data entry into the fields for M, m, I or NI
- Unresolved comments shall be incremented by a decimal index and all comments shall remain open until the subject is resolved

|                             |                        |
|-----------------------------|------------------------|
| STATUS OF THE REVIEW NOTICE | APPROVED WITH COMMENTS |
|-----------------------------|------------------------|

### Status Legend

| Status                  | Meaning                                                                         |
|-------------------------|---------------------------------------------------------------------------------|
| APPROVED                | No objection to proceed                                                         |
| APPROVED WITH COMMENTS  | No objection if the Contractor incorporates comments and resubmits for approval |
| REJECTED                | Revise and resubmit after fulfilling the comments                               |
| RECEIPT FOR INFORMATION | ER receipt only no action required                                              |

The status given by the Employer's Representative /General Consultant for this submission does not exonerate or relieve the Contractor from any obligation or liability hereunder. Each such status is given in reliance upon, and subject to the performance by the Contractor of its Works in accordance with and pursuant to the terms, covenants, provisions and conditions of its Contract. Without limitation to the generality of the foregoing, neither the review nor the Approved status of any submittal or portion thereof by the Employer's Representative / General Consultant shall relieve the Contractor of any of its responsibilities whatsoever for the accuracy or integrity of the submittal, or the ability of the Contractor to meet any conditions specified in the submittal. While Employer's Representative / General Consultant retains rights of Approval for all submittals, the areas in which it retains Approved rights is limited to the Employer's Representative / General Consultant scope of work, for the information provided by the Contractor.



File Name: RCS - PREQUALIFICATION FOR AL FATEH BATCH PLANT.docx

Page 1 of 2

## Submission Review and Comment Sheet



| Employer's Representative Comments |             |                |                 |                |                                                   |   |   | CONTRACTOR |   |    | ER              |  |
|------------------------------------|-------------|----------------|-----------------|----------------|---------------------------------------------------|---|---|------------|---|----|-----------------|--|
| Item                               | Document No | Document Title | Dept / Initials | Page / Section | COMMENTS                                          | M | m | RESPONSE   | I | NI | FINAL STATUS    |  |
| 1                                  |             |                | QA/QC           | All            | Approved according to the attached approval       | M |   |            |   |    | Closed          |  |
| 2                                  |             |                | QA/QC           | All            | Contractor to follow project specs for mix design | M |   |            |   |    | Open            |  |
| 3                                  |             |                | QA/QC           | All            | To be used according to project documents         | M |   |            |   |    | Open            |  |
| 4                                  |             |                |                 |                |                                                   |   |   |            |   |    | Choose an item. |  |
| 5                                  |             |                |                 |                |                                                   |   |   |            |   |    | Choose an item. |  |
| 6                                  |             |                |                 |                |                                                   |   |   |            |   |    | Choose an item. |  |
| 7                                  |             |                |                 |                |                                                   |   |   |            |   |    | Choose an item. |  |
| 8                                  |             |                |                 |                |                                                   |   |   |            |   |    | Choose an item. |  |
| 9                                  |             |                |                 |                |                                                   |   |   |            |   |    | Choose an item. |  |
| 10                                 |             |                |                 |                |                                                   |   |   |            |   |    | Choose an item. |  |
| 11                                 |             |                |                 |                |                                                   |   |   |            |   |    | Choose an item. |  |
| 12                                 |             |                |                 |                |                                                   |   |   |            |   |    | Choose an item. |  |
| 13                                 |             |                |                 |                |                                                   |   |   | *          |   |    | Choose an item. |  |

شركة انشاء للمقاولات العامة  
التي تملكها مجموعة من الشركات  
في القطاع ٢٠١٤ - ٢٠١٥



### SUBMISSION OF TEST RESULTS



### Green Line

| Location Name              |                    | Contractor Company                                                                |           | Designer Company |             |    |    |    |    |
|----------------------------|--------------------|-----------------------------------------------------------------------------------|-----------|------------------|-------------|----|----|----|----|
| From st 457+700 to 457+800 |                    | Inshaa company                                                                    |           | SGAC             |             |    |    |    |    |
| Issued by Contractor       | Name               | Sign                                                                              | Date      |                  | Designation |    |    |    |    |
|                            | Eng/Mahmoud Shaban |  | 20-9-2023 |                  |             |    |    |    |    |
| Contractor Reference       |                    |                                                                                   |           |                  | Revision    |    |    |    |    |
| Received by ER             | Name               | Sign                                                                              |           | TRF              | DD          | MM | YY | HH | MM |
|                            |                    |                                                                                   |           |                  | 20          | 2  | 24 |    |    |

NB: Package 1 Only (Package 2 via Aconex)

THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW

| Description of Test |               | Compression tests of cubes for slope protection right for st 457+700 to 457+800 for quantity = 72m <sup>3</sup> |                        |           |
|---------------------|---------------|-----------------------------------------------------------------------------------------------------------------|------------------------|-----------|
| Location of Test    |               | Talaat mustafa                                                                                                  |                        |           |
| Item                | Specification | Test Requirement                                                                                                | Test Result Attachment | Remarks   |
| 1                   | E.E.T Specs   | Ref 7 mm                                                                                                        | Talaat mustafa         | pass. 249 |
| 2                   |               |                                                                                                                 |                        | pass. 387 |
| 3                   |               |                                                                                                                 |                        |           |
| 4                   |               |                                                                                                                 |                        |           |
| 5                   |               |                                                                                                                 |                        |           |

Comments by: SGAC Mohammed Adel Comments by: SYSTRA

the test results is

مركز الاستشارات الهندسية  
للحفرق والمطارات  
A.D. سعد  
مشروع القطار السريع قطاع ١

Pouring and concrete cubes are contractor and sgac consultant responsibility.

### APPROVAL STATUS

| APPROVAL STATUS          |                 |                                                                                     |           |         |
|--------------------------|-----------------|-------------------------------------------------------------------------------------|-----------|---------|
| Organisation             | Name            | Sign                                                                                | Date      | A-AWC-R |
| Contractor               | م / محمود شعبان |  | 20-9-2023 | A       |
| QA/QC                    | م / محمود عادل  |  | 20-9-2023 | A       |
| GARB *                   | م / مصطفى نجم   |  | 21-9-2023 | A       |
| Employers Representative | م / محمد ماهر   |  | 20.9.2024 | AWC     |

▪ Alignment / Bridges: Culvert Only

A= Approved; AWC= Approved with Comments; R= Rejected

**إهداء للمقالات الخاصة**  
**محمد محمود رضوان وشريكة**



**CEL**  
Consulting Engineering Bureau & Laboratories  
مكتب مهندسات الهندسية

Company Name : Inshaa General Company

Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh

Date of Report : 20-09-2023

Report No. : 02

Location : Slope Protection Right St. (457+700) : (457+800)

Quantity : 45 M3

COMPRESSIVE STRENGTH RESULTS OF CUBE 15\*15\*15 CM CONCRETE SPECIMENS

Mix ID: C 250/350 OPC

| Date of Casting | Testing | Age Days | Location                        | Weight (gm) | AVG Weight (gm) | Density (gm/cm <sup>3</sup> ) | Load (k.N) | Strength (Kg/cm <sup>2</sup> ) | Ave. Strength (Kg/cm <sup>2</sup> ) | Percentage % |
|-----------------|---------|----------|---------------------------------|-------------|-----------------|-------------------------------|------------|--------------------------------|-------------------------------------|--------------|
|                 |         |          |                                 |             |                 |                               |            |                                |                                     |              |
| 13-9-2023       |         | 7        | St.<br>(457+700) :<br>(457+800) | 8320        | 8393            | 2.49                          | 566        | 256                            | 249                                 | 99           |
|                 |         |          |                                 | 8364        |                 |                               | 569        | 258                            |                                     |              |
|                 |         |          |                                 | 8495        |                 |                               | 512        | 232                            |                                     |              |
|                 |         |          |                                 |             |                 |                               |            |                                |                                     |              |

Note: تم تزويد المكبات بواسطة العميل والمعمل غير مسئول عن كونهما انما هي نتيجة الفحلت

مكتب مهندسات الهندسية  
CEL  
مكتب مهندسات الهندسية  
Signature / .....  
مكتب مهندسات الهندسية

شركة انشاء للمقاولات العامة  
اين مهندسات الهندسية  
ب.ف. ٢٢٩٠٠٩٩ : ٢٢٩٠٠٩٩

## Compressive Strength Of Test Concrete Cube Specimens

|                  |                                                      |            |       |
|------------------|------------------------------------------------------|------------|-------|
| Company:         | شركة انشاء للتعمير                                   |            |       |
| Batch Plant      | محطة الفتح                                           |            |       |
| Location         | k/457+700 - k/457+800                                | Quantity : | 27 m3 |
| Sample Dimension | 15 cm * 15cm *15cm                                   |            |       |
| Contractor       | General Authority For Roads Bridges & Land Transport |            |       |
| Project          | Electric Express Train ( Track Alignment )           |            |       |

|                |           |
|----------------|-----------|
| Date of Test : | 18/9/2023 |
| Casting Date : | 11/9/2023 |

### The Results Of Crushing Cubes After The Age Of 7 Days

| Cube No | Structure        | Cement Content   | Weight | Strength | Stress  | Average ( kg / cm2 ) |
|---------|------------------|------------------|--------|----------|---------|----------------------|
|         | Stress           |                  | k.g    | k.n      | k.g/Cm2 |                      |
| 1       | Right side       | 350 ( kg / cm3 ) | 8.307  | 917      | 415     | 387                  |
| 2       | Slope Protection |                  | 8.365  | 957      | 434     |                      |
| 3       | 250 ( kg / cm2 ) |                  | 8.145  | 688      | 312     |                      |

Comment :-



Lab . Engineer

Eng / Mohamed samy

QC . Engineer

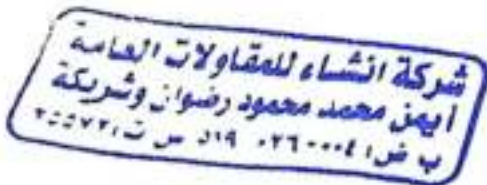
Eng/ Ahmed Rzk

Lab . Manger

Eng /Elsayed /saleh

Consultant

M. Adel



## Compressive Strength Of Test Concrete Cube Specimens

|                  |                                                      |            |       |
|------------------|------------------------------------------------------|------------|-------|
| Company:         | شركة انشاء للتعمير                                   |            |       |
| Batch Plant      | محطة الفتح                                           |            |       |
| Location         | k/457+700 - k/457+800                                | Quantity : | 27 m3 |
| Sample Dimension | 15 cm * 15cm *15cm                                   |            |       |
| Contractor       | General Authority For Roads Bridges & Land Transport |            |       |
| Project          | Electric Express Train ( Track Alignment )           |            |       |

|                |           |
|----------------|-----------|
| Date of Test : | 18/9/2023 |
| Casting Date : | 11/9/2023 |

### The Results Of Crushing Cubes After The Age Of 7 Days

| Cube No | Structure        | Cement Content   | Weight | Strength | Stress  | Average ( kg / cm2 ) |
|---------|------------------|------------------|--------|----------|---------|----------------------|
|         | Stress           |                  | k.g    | k.n      | k.g/Cm2 |                      |
| 1       | Right side       | 350 ( kg / cm3 ) | 8.307  | 917      | 415     | 387                  |
| 2       | Slope Protection |                  | 8.365  | 957      | 434     |                      |
| 3       | 250 ( kg / cm2 ) |                  | 8.145  | 688      | 312     |                      |

Comment :-

Lab . Engineer

Eng / Mohamed samy

QC . Engineer

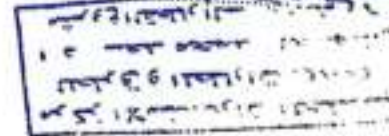
Eng/ Ahmed Rzk

Lab . Manger

Eng /Elsayed /sahel

Consultant

M. Adel





## Al-Fateh Ready Mix Concrete

Time : 13:11:55

Date : 11-9-2023

Client Name \ اسم العميل  
انشاء

Mix Code \ اسم الخلطة  
c250/350

Truck Number \ رقم السيارة  
10

Number Of Batches \ عدد البعثات  
5

Driver Name \ اسم السائق  
Mando

Quantity \ الكمية المطلوبة  
9,000 M

Quantity/batch \ حجم البعثة  
1,800 M

|         | SAND1 | SAND2 | AGG2 | AGG1 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | add1  | add2 |
|---------|-------|-------|------|------|------|------|------|------|-------|-------|------|
|         | 0     | 780   | 540  | 540  | 350  | 0    | 0    | 0    | 180   | 5.00  | 0.00 |
| Batches |       |       |      |      |      |      |      |      |       |       |      |
| 1       | 0     | 1412  | 978  | 972  | 631  | 0    | 0    | 0    | 326   | 8.94  | 0.00 |
| 2       | 0     | 1395  | 972  | 971  | 629  | 0    | 0    | 0    | 322   | 9.20  | 0.00 |
| 3       | 0     | 1402  | 941  | 966  | 631  | 0    | 0    | 0    | 323   | 8.78  | 0.00 |
| 4       | 0     | 1407  | 1016 | 983  | 634  | 0    | 0    | 0    | 325   | 9.05  | 0.00 |
| 5       | 0     | 1404  | 957  | 969  | 628  | 0    | 0    | 0    | 324   | 9.04  | 0.00 |
| ACT     | 0     | 7020  | 4864 | 4861 | 3153 | 0    | 0    | 0    | 1620  | 45.01 | 0.00 |
| TAR     | 0     | 7020  | 4860 | 4860 | 3150 | 0    | 0    | 0    | 1620  | 45.00 | 0.00 |
| DIF     | 0     | 0     | 4    | 1    | 3    | 0    | 0    | 0    | 0     | 0.01  | 0.00 |
| Tote %  | 0.00  | 0.00  | 0.08 | 0.02 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00  | 0.02  | 0.00 |

2023-9-11-3223

## Time : 13:02:45

Client Name : اسم العميل

Mix Code اسم الخلطة ١  
c250/350 القطار

Truck Number \ رقم السيارة :

10  
Number Of Batches \ عدد الباتشات  
5

اسم السائق \ Driver Name

Mundo

Quantity ١ الكمية المطلوبة

Quantity/batch \ حجم القاشة  
1,800 M

[illegible]

2023-9-11-3222



شركة الإنشاء للمقاولات العامة  
 أيمن محمد محمود رضوان وشركته  
 ب. ص. ٢٠٤١ ٠٢٦ ٠٢٩ من ت. ٢٢٢٧٢١

# Al-Fatch Ready Mix Concrete

Date : 11-9-2023

Time : 12:19:09

Client Name \ اسم العميل

Mix Code \ اسم الخلطة  
 القطار 250/350

Truck Number \ رقم السيارة  
 10

Number Of Batches \ عدد البعثات  
 5

Driver Name \ اسم السائق  
 Mando  
 الكمية المطلوبة 9,600 M

Quantity/batch \ حجم البعثة  
 1,800 M

|         | SAND1 | SAND2 | AGG2  | AGG1  | CEM1 | CEM2 | CEM3 | CEM4 | WATER | add1  | add2 |
|---------|-------|-------|-------|-------|------|------|------|------|-------|-------|------|
| Batches | 0     | 780   | 540   | 540   | 350  | 0    | 0    | 0    | 180   | 5.00  | 0.00 |
| 1       | 0     | 1411  | 956   | 970   | 631  | 0    | 0    | 0    | 325   | 8.97  | 0.00 |
| 2       | 0     | 1401  | 988   | 965   | 626  | 0    | 0    | 0    | 322   | 9.09  | 0.00 |
| 3       | 0     | 1399  | 966   | 993   | 636  | 0    | 0    | 0    | 326   | 8.96  | 0.00 |
| 4       | 0     | 1404  | 1004  | 969   | 619  | 0    | 0    | 0    | 323   | 8.99  | 0.00 |
| 5       | 0     | 1401  | 927   | 958   | 642  | 0    | 0    | 0    | 323   | 8.86  | 0.00 |
| ACT     | 0     | 7016  | 4841  | 4855  | 3154 | 0    | 0    | 0    | 1619  | 44.87 | 0.00 |
| TAR     | 0     | 7020  | 4860  | 4860  | 3150 | 0    | 0    | 0    | 1620  | 45.00 | 0.00 |
| DIF     | 0     | -4    | -19   | -5    | 4    | 0    | 0    | 0    | -1    | -0.13 | 0.00 |
| Tole %  | 0.00  | -0.06 | -0.39 | -0.10 | 0.13 | 0.00 | 0.00 | 0.00 | -0.06 | -0.29 | 0.00 |

2023-9-11-3221



# Al-Fateh Ready Mix Concrete

شركة انشاء للمقاولات العامة  
 ايمن محمد محمود رضوان وشركته  
 ب. فر. ٠٠٤٠٠٢٦٠١٩  
 ٩٨٧٦٥٤٣٢١٠

Date 13-9-2023

Client Name اسم العميل

Mix Code اسم الخلطة

Track Number رقم السيارة

Number of Batches عدد الشاحنات

Driver Name اسم السائق

Mando

Quantity الكمية المطلوبة

Quantity Unit وحدة القياس

|         | SAND1 | SAND2 | AGG2  | AGG1  | CEM1  | CEM2 | CEM3 | CEM4 | WATER | add1  | add2 |
|---------|-------|-------|-------|-------|-------|------|------|------|-------|-------|------|
|         | 0     | 780   | 540   | 540   | 350   | 0    | 0    | 0    | 180   | 5.00  | 0.00 |
| Batches |       |       |       |       |       |      |      |      |       |       |      |
| 1       | 0     | 1405  | 967   | 975   | 631   | 0    | 0    | 0    | 324   | 9.07  | 0.00 |
| 2       | 0     | 1408  | 988   | 971   | 630   | 0    | 0    | 0    | 322   | 8.79  | 0.00 |
| 3       | 0     | 1388  | 946   | 964   | 631   | 0    | 0    | 0    | 326   | 9.16  | 0.00 |
| 4       | 0     | 1421  | 995   | 987   | 628   | 0    | 0    | 0    | 326   | 8.82  | 0.00 |
| 5       | 0     | 1409  | 957   | 954   | 629   | 0    | 0    | 0    | 320   | 9.28  | 0.00 |
| ACT     | 0     | 7022  | 4853  | 4851  | 3149  | 0    | 0    | 0    | 1618  | 45.12 | 0.00 |
| TAR     | 0     | 7020  | 4860  | 4860  | 3150  | 0    | 0    | 0    | 1620  | 45.00 | 0.00 |
| DEF     | 0     | 2     | -7    | -9    | -1    | 0    | 0    | 0    | -2    | 0.12  | 0.00 |
| Tolc %  | 0.00  | 0.03  | -0.14 | -0.19 | -0.04 | 0.00 | 0.00 | 0.00 | -0.12 | 0.27  | 0.00 |

2023-9-13-3245

Date : 13-9-2023

## Al-Fatch Ready Mix Concrete

شركة الإنشاء للمقاولات العامة  
إبراهيم محمد محمود رمضان وشركه  
ب. ص. ٢٦٠٠٠٤ - ٥١٨ س. ح. ٢٢٥٧٢١

Client Name \ اسم العميل

Min Code \ اسم العميل

Truck Number \ رقم الشاحنة

10

Number Of Batches \ عدد الدفعات

5

Quantity \

Driver Name \ اسم السائق

Mando

9,000 M

Quantity/batch \ حجم الدفعة

1,800 M

| Batches | SAND1 | SAND2 | AGG2 | AGG1 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | add1 | add2 |
|---------|-------|-------|------|------|------|------|------|------|-------|------|------|
| 0       | 780   | 540   | 540  | 0    | 350  | 0    | 0    | 180  | 5.00  | 0.00 |      |
| 1       | 0     | 1405  | 979  | 973  | 0    | 631  | 0    | 0    | 328   | 8.97 | 0.00 |
| 2       | 0     | 1404  | 963  | 968  | 0    | 630  | 0    | 0    | 321   | 9.12 | 0.00 |
| 3       | 0     | 1405  | 962  | 973  | 0    | 629  | 0    | 0    | 318   | 8.94 | 0.00 |
| 4       | 0     | 1401  | 995  | 982  | 0    | 629  | 0    | 0    | 329   | 8.87 | 0.00 |
| 5       | 0     | 1399  | 959  | 960  | 0    | 629  | 0    | 0    | 324   | 9.11 | 0.00 |

|        |      |       |       |       |      |       |      |      |      |       |      |
|--------|------|-------|-------|-------|------|-------|------|------|------|-------|------|
| ACT    | 0    | 7014  | 4858  | 4856  | 0    | 3148  | 0    | 0    | 1620 | 45.01 | 0.00 |
| TAR    | 0    | 7020  | 4860  | 4860  | 0    | 3150  | 0    | 0    | 1620 | 45.00 | 0.00 |
| DIF    | 0    | -6    | -2    | -4    | 0    | -2    | 0    | 0    | 0    | 0.01  | 0.00 |
| Tote % | 0.00 | -0.09 | -0.04 | -0.08 | 0.00 | -0.07 | 0.00 | 0.00 | 0.00 | 0.02  | 0.00 |

2023-9-13-3248

# Al-Fatch Ready Mix Concrete

Date : 13-9-2023

Client Name \ اسم العميل

Mix Code \ اسم الخلطة  
القالب 250/350

Truck Number \ رقم الشبيرة

10

Number Of Batches \ عدد البعثات

5

Quantity \

Driver Name \ اسم السائق  
Mando

9.000 M

Quantity/batch \ حجم البعثة

1.800 M

شركة الإنشاء للمقاولات العامة  
من مكتب معمورة رضوانة بشار  
ف ١٩٠٠٠٤٠٢٦ ١٩٠٠٠٤٠٢٦

|         | SAND1 | SAND2 | AGG2 | AGG1 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | add1  | add2 |
|---------|-------|-------|------|------|------|------|------|------|-------|-------|------|
| Batches | 0     | 780   | 540  | 540  | 0    | 350  | 0    | 0    | 180   | 5.00  | 0.00 |
| 1       | 0     | 1406  | 968  | 962  | 0    | 645  | 0    | 0    | 325   | 8.96  | 0.00 |
| 2       | 0     | 1397  | 988  | 991  | 0    | 632  | 0    | 0    | 321   | 8.98  | 0.00 |
| 3       | 0     | 1416  | 947  | 969  | 0    | 628  | 0    | 0    | 329   | 9.15  | 0.00 |
| 4       | 0     | 1396  | 986  | 965  | 0    | 625  | 0    | 0    | 318   | 8.97  | 0.00 |
| 5       | 0     | 1403  | 998  | 975  | 0    | 621  | 0    | 0    | 329   | 9.04  | 0.00 |
| ACT     | 0     | 7018  | 4887 | 4862 | 0    | 3151 | 0    | 0    | 1622  | 45.10 | 0.00 |
| TAR     | 0     | 7020  | 4860 | 4860 | 0    | 3150 | 0    | 0    | 1620  | 45.00 | 0.00 |
| DIF     | 0     | -2    | 27   | 2    | 0    | 1    | 0    | 0    | 2     | 0.10  | 0.00 |
| Tolc %  | 0.00  | -0.03 | 0.56 | 0.04 | 0.00 | 0.04 | 0.00 | 0.00 | 0.12  | 0.22  | 0.00 |

2023-9-13-3252



# Al-Fatch Ready Mix Concrete

شركة الفتح للمقاولات العامة  
أيمن محمد محمود رضوان وشركته  
ب.ض. ٠٠٤٠٠٢٦ ٠١٩ من ٢٩٠٢٠٢٢٩

Date : 13-9-2023

Client Name \ اسم العميل  
البناء

Mix Code \ اسم الخلطة  
c250/350

Truck Number \ رقم السيارة  
10

Number Of Batches \ عدد البعثات  
5

Driver Name \ اسم السائق  
Mando

Quantity \

الكمية المطلوبة  
9.000 M

Quantity/batch \ حجم البعثة  
1.800 M

|         | SAND1 | SAND2 | AGG2 | AGG1  | CEM1 | CEM2  | CEM3 | CEM4 | WATER | add1  | add2 |
|---------|-------|-------|------|-------|------|-------|------|------|-------|-------|------|
|         | 0     | 780   | 540  | 540   | 0    | 350   | 0    | 0    | 180   | 5.00  | 0.00 |
| Batches |       |       |      |       |      |       |      |      |       |       |      |
| 1       | 0     | 1412  | 969  | 970   | 0    | 631   | 0    | 0    | 362   | 9.10  | 0.00 |
| 2       | 0     | 1390  | 975  | 975   | 0    | 630   | 0    | 0    | 356   | 8.78  | 0.00 |
| 3       | 0     | 1412  | 971  | 975   | 0    | 628   | 0    | 0    | 283   | 9.12  | 0.00 |
| 4       | 0     | 1406  | 973  | 981   | 0    | 631   | 0    | 0    | 329   | 8.93  | 0.00 |
| 5       | 0     | 1401  | 975  | 941   | 0    | 628   | 0    | 0    | 323   | 9.09  | 0.00 |
| ACT     | 0     | 7021  | 4863 | 4842  | 0    | 3148  | 0    | 0    | 1653  | 45.02 | 0.00 |
| TAR     | 0     | 7020  | 4860 | 4860  | 0    | 3150  | 0    | 0    | 1620  | 45.00 | 0.00 |
| DEF     | 0     | 1     | 3    | -18   | 0    | -2    | 0    | 0    | 33    | 0.02  | 0.00 |
| Tote %  | 0.00  | 0.01  | 0.06 | -0.37 | 0.00 | -0.07 | 0.00 | 0.00 | 2.04  | 0.04  | 0.00 |

2023-9-13-3253



# Submission Review and Comment Sheet



## REVIEW NOTICE

|                     |                                           |                   |                       |
|---------------------|-------------------------------------------|-------------------|-----------------------|
| RCS Number          |                                           | Receiving Date    | 06-09-2023            |
| Transmittal Date    | 06-09-2023                                | Document Number   |                       |
| Transmittal No      |                                           | Document Revision |                       |
| Contractor Name     | INSHAA GENERAL CONSTRUCTION               | Location          | KP 457+600 TO 461+200 |
| Designer            | EL NIL                                    |                   |                       |
| Transmittal Subject | PREQUALIFICATION FOR AL FATEH BATCH PLANT |                   |                       |
| Document Title      |                                           |                   |                       |

The following Notes apply to this Review:

- The Contractor may include many documents in one submission (Transmittal form) however where possible, it is ER policy to reply individually to each listed submitted document.
- If appropriate, ER may respond to many documents received on one submission (Transmittal Form) where one response will be applied to the entire submission package.
- Document number shall be a document in the transmission list (usually the first number listed)
- This Review comments comprises all of the pages listed in the footer below
- The Review Notice Status shown below applies to all documents described in the Comments Sheet
- Major\* (M) classified comments are issued when the referenced document submission fails to meet or describe a requirement in respect of how the submission requirement is organised, implemented or maintained and without correction will introduce a major risk and will jeopardise the effectiveness of the submission if implemented
- Minor (m) classified comments are issued when the referenced document submission fails to meet or describe a requirement in respect of how the submission requirement is organised, implemented or maintained and without correction may jeopardise the effectiveness of the submission.
- The Contractor must state if their response to ER Comments have been incorporated (I) into a revised document or, shall not be incorporated (NI) as described
- Any ASCII character may be used to denote data entry into the fields for M, m, I or NI
- Unresolved comments shall be incremented by a decimal index and all comments shall remain open until the subject is resolved

### STATUS OF THE REVIEW NOTICE

### APPROVED WITH COMMENTS

#### Status Legend

| Status                  | Meaning                                                                         |
|-------------------------|---------------------------------------------------------------------------------|
| APPROVED                | No objection to proceed                                                         |
| APPROVED WITH COMMENTS  | No objection if the Contractor incorporates comments and resubmits for approval |
| REJECTED                | Revise and resubmit after fulfilling the comments                               |
| RECEIPT FOR INFORMATION | ER receipt only no action required                                              |

The status given by the Employer's Representative /General Consultant for this submission does not exonerate or relieve the Contractor from any obligation or liability hereunder. Each such status is given in reliance upon, and subject to the performance by the Contractor of its Works in accordance with and pursuant to the terms, covenants, provisions and conditions of its Contract. Without limitation to the generality of the foregoing, neither the review nor the Approved status of any submittal or portion thereof by the Employer's Representative / General Consultant shall relieve the Contractor of any of its responsibilities whatsoever for the accuracy or integrity of the submittal, or the ability of the Contractor to meet any conditions specified in the submittal. While Employer's Representative / General Consultant retains rights of Approval for all submittals, the areas in which it retains Approved rights is limited to the Employer's Representative / General Consultant scope of work, for the information provided by the Contractor.

شركة انشاء للمقاولات العامة  
ابن محمد محمود رضوان وشركته  
ب. ص. ٥٧٢٠٤ - ١٩٠٤٦٠٠٠٤٦

File Name: ACS - PREQUALIFICATION FOR AL FATEH BATCH PLANT.docx



شركة النساء للمقاولات العامة  
البنين محمد محمود ربيع في أمريكا  
ص. ١١ - ١٩ - ١٤١٤ ع. ٢٤ ١٩٥٩

# SUBMISSION OF DOCUMENTS



## Green Line

|                                                                |                              |                        |          |                  |          |
|----------------------------------------------------------------|------------------------------|------------------------|----------|------------------|----------|
| Location Name                                                  |                              | Contractor Company     |          | Designer Company |          |
| Kp 458+600-458+800<br>Kp 458+800-460+600<br>Kp 460+600-461+200 |                              | انشاء للمقاولات العامة |          | sgac             |          |
| Contractor<br>ISSUED                                           | Name                         | Sign                   | Date     | Designation      |          |
|                                                                | Eng: mahmoud shaban<br>ahmed | محمود شهاب احمد        | 6/9/2023 |                  |          |
| Contractor<br>Reference                                        |                              |                        |          |                  | Revision |

NB: Package 1 Only (Package 2 via Aconex)

### THE FOLLOWING DOCUMENTS ARE ATTACHED FOR REVIEW

| Item | Document No     | Revision | Title            | Number<br>Sheets |
|------|-----------------|----------|------------------|------------------|
| 1    | The batch plant |          | AL FATAH batch - |                  |
| 2    | approved before |          | Plant.           |                  |
| 3    | for AL NOBY co. |          |                  |                  |
| 6    |                 |          |                  |                  |
| 7    |                 |          |                  |                  |
| 8    |                 |          |                  |                  |
| 9    |                 |          |                  |                  |

|                       |          |      |             |      |
|-----------------------|----------|------|-------------|------|
| Designer<br>RECEIPT   | Name     | Sign | Designation | Date |
|                       | m-negm   |      |             |      |
| Designer<br>Reference | Revision |      |             |      |

Designer Comments:

|                   |                                   |                                                 |                                   |
|-------------------|-----------------------------------|-------------------------------------------------|-----------------------------------|
| Designer Status   | Approved <input type="checkbox"/> | Approved with Comments <input type="checkbox"/> | Rejected <input type="checkbox"/> |
| Designer<br>REPLY | Name                              | Sign                                            | Date                              |
|                   |                                   |                                                 |                                   |

#### Note:

- Response from the Designer is not mandatory for every submission, but may be necessary for previously approved design related subjects
- Response to Contractor's Submission by the Employers Representative (ER) shall be by Letter and Review and Comment Sheet (RCS) with any comments attached and the status of approval
- Receipt of Submission via EDMS will not be signed by ER

شركة انشاء للمقاولات العامة  
أيمن محمد محمود رضوان وشركته  
File: Submission of Documents Rev 0123 (1)  
٢٠٢٣/٠٩/٠٩

Signature

# SUBMISSION OF TEST RESULTS



| Green Line                 |                    |                    |            |                  |    |
|----------------------------|--------------------|--------------------|------------|------------------|----|
| Location Name              |                    | Contractor Company |            | Designer Company |    |
| From st 458+220 to 458+340 |                    | Inshaa company     |            | SGAC             |    |
| Issued by Contractor       | Name               | Sign               | Date       | Designation      |    |
|                            | Eng/Mahmoud Shaban |                    | 26-12-2023 |                  |    |
| Contractor Reference       | Revision           |                    |            |                  |    |
| Received by ER             | Name               | Sign               | TRF        | DD               | MM |
|                            |                    |                    |            | 20               | 2  |

NB: Package 1 Only (Package 2 via Aconex)

## THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW

| Description of Test | Compression tests of cubes for slope protection right for st 458+220 to 458+340 for quantity = 99 m <sup>3</sup> |                  |                        |            |  |
|---------------------|------------------------------------------------------------------------------------------------------------------|------------------|------------------------|------------|--|
| Location of Test    | Cel                                                                                                              |                  |                        |            |  |
| Item                | Specification                                                                                                    | Test Requirement | Test Result Attachment | Remarks    |  |
| 1                   | E.E.T Specs                                                                                                      | كل 27 سم         | Cel                    | Pass - 206 |  |
| 2                   |                                                                                                                  |                  |                        | Pass - 274 |  |
| 3                   |                                                                                                                  |                  |                        |            |  |
| 4                   |                                                                                                                  |                  |                        |            |  |
| 5                   |                                                                                                                  |                  |                        |            |  |

|                                                                                                                                |                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Comments by: SGAC                                                                                                              | Comments by: SYSTRA                                                                  |
| <p>the test results are approved</p> <p>مركز الدراسات والبحوث<br/>للطرق والمطارات<br/>إ.د. سعد محمد الجبوشي<br/>26-12-2023</p> | <p>Pouring and concrete cubes are contractor and sgac consultant responsibility.</p> |

## APPROVAL STATUS

| Organisation             | Name            | Sign | Date       | A-AWC-R |
|--------------------------|-----------------|------|------------|---------|
| Contractor               | م / محمود شعبان |      | 26-12-2023 | A       |
| QA/QC                    | م / محمود عادل  |      | 26-12-2023 | A       |
| GARB *                   | م / مصطفى نجم   |      | 27-12-2023 | A       |
| Employers Representative | م / محمد ماهر   |      | 20-2-2024  | AWC     |

Alignment / Bridges: Culvert Only

A= Approved; AWC= Approved with Comments; R= Rejected

إشياء للمقاولات العامة  
محمود رضوان وشريكة  
٢٠٢٤ / ٠٩ / ١٩



Company Name : Inshaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh  
Date of Report : 25-12-2023  
Report No. : 11  
Location : Slop Protection Right  
Quantity : 45 m<sup>3</sup>

COMPRESSIVE STRENGTH RESULTS OF CUBE 15\*15\*15 CM CONCRETE SPECIMENS

Mix ID: C 250/350

| Date of Casting | Age Days | Location                       | Weight (gm) | AVG Weight (gm) | Density (gm/cm <sup>3</sup> ) | Load (k.N) | Strength (Kg/cm <sup>2</sup> ) | Ave. Strength (Kg/cm <sup>2</sup> ) | Percentage % |
|-----------------|----------|--------------------------------|-------------|-----------------|-------------------------------|------------|--------------------------------|-------------------------------------|--------------|
| 19-12-2023      | 7        | St<br>(458+220) :<br>(458+340) | 8189        | 8254            | 2.45                          | 446        | 202                            | 206                                 | 82           |
|                 |          |                                | 8280        |                 |                               | 469        | 212                            |                                     |              |
|                 |          |                                | 8294        |                 |                               | 448        | 203                            |                                     |              |

Note: تم توريد العينات بواسطة العميل والعمل غير مسئول عن نتيجة الاختبار

المكتب الهندسي  
CEIL  
مكتب معامل الاستشارات الهندسية  
Signature /  
م. محمد محمود رمضان وشركاه

شركة انشاء للمقاولات العامة  
أ.م. محمد محمود رمضان وشركاه  
٢٠٢٣/١٢/٢٥ - ٢٠٢٣/١٢/٢٥

Quantity : 54 m<sup>3</sup>

| Date of    |            | Age  | Location                       | Weight (gm) | AVG Weight (gm) | Density               | Load (k.N) | Strength (Kg/cm <sup>2</sup> ) | Ave. Strength (Kg/cm <sup>2</sup> ) | Percentage % |
|------------|------------|------|--------------------------------|-------------|-----------------|-----------------------|------------|--------------------------------|-------------------------------------|--------------|
| Casting    | Testing    | Days |                                |             |                 | (gm/cm <sup>3</sup> ) |            |                                |                                     |              |
| 18-12-2023 | 25-12-2023 | 7    | Sl<br>(458+220) :<br>(458+340) | 8511        | 8461            | 2.51                  | 589        | 267                            | 274                                 | 110          |
|            |            |      |                                | 8407        |                 |                       |            |                                |                                     |              |
|            |            |      |                                | 8466        |                 |                       |            |                                |                                     |              |
|            |            |      |                                | 577         |                 |                       |            |                                |                                     |              |

Signature by \_\_\_\_\_

المساحل الشمالية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

رَبِّكَ انْشَاءَ الْمَقَابِلَ الْعَامَةَ  
مِنْ عِلْمِهِ مَحْجُودٌ رُسُومًا وَتَرْكِيكًا  
ص ١٠١ - ١٠٢ - ١٠٣





شركة انشاء للمقاولات العامة  
 ايمن محمد محمود رضوان وشركه  
 ب ص ٢٠٢١ ٠٧٦ ٠٩٩ ٠٠٠

## AI-Fatch Ready Mix Concrete

Date 18-12-2023

Time 08:20:35

Client Name \ اسم العميل  
 انشاء

Mix Code \ اسم الخلطة  
 قنطار 250/350

Truck Number \ رقم السيارة  
 10

Number Of Batches \ عدد الباتشات  
 5

Driver Name \ اسم السائق  
 Mando

Quantity \ كمية المطلوبة  
 9,000 M

Quantity/batch \ كمية الباتشة  
 1,800 M

|          | SAND1 | SAND2 | AGG1 | AGG2 | CTM1 | CTM2 | CTM3 | CTM4 | WATER | ADJ1  | ADJ2 |
|----------|-------|-------|------|------|------|------|------|------|-------|-------|------|
|          | 390   | 390   | 540  | 540  | 350  | 0    | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches: |       |       |      |      |      |      |      |      |       |       |      |
| 1        | 714   | 699   | 979  | 973  | 630  | 0    | 0    | 0    | 306   | 12.70 | 0.00 |
| 2        | 684   | 691   | 961  | 966  | 631  | 0    | 0    | 0    | 301   | 12.27 | 0.00 |
| 3        | 708   | 715   | 986  | 988  | 629  | 0    | 0    | 0    | 305   | 12.86 | 0.00 |
| 4        | 708   | 702   | 969  | 967  | 628  | 0    | 0    | 0    | 310   | 12.77 | 0.00 |
| 5        | 697   | 708   | 952  | 972  | 630  | 0    | 0    | 0    | 301   | 12.24 | 0.00 |

|        |      |      |       |      |       |      |      |      |       |       |      |
|--------|------|------|-------|------|-------|------|------|------|-------|-------|------|
| ACT    | 3511 | 3515 | 4847  | 4866 | 3148  | 0    | 0    | 0    | 1523  | 62.84 | 0.00 |
| TAR    | 3510 | 3510 | 4860  | 4860 | 3150  | 0    | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF    | 1    | 5    | -13   | 6    | -2    | 0    | 0    | 0    | -7    | -0.16 | 0.00 |
| Tote % | 0.03 | 0.14 | -0.27 | 0.12 | -0.07 | 0.00 | 0.00 | 0.00 | -0.46 | -0.25 | 0.00 |

2023-12-18-1680

شركة انشاء للمقاولات العامة  
الجن محمد محمود رضوان وشركته  
ب. ف. ٥٠٠٤٠٠٠ ٠٧٦ ٠١٩  
٥٥٥٧٧

## Al-Fatch Ready Mix Concrete

18-12-2073

1997-98

Front Name:                     

اسم الحفنة: 25(035) حفنة

رقم الترخيص: ١٠٩٨٢٤٣٦٥٧٨٩١٠١١٢٣٤٥٦٧٨٩١٠١١٢٣٤٥٦٧٨٩١٠

## Time 11:17:42

الممسوحة ضوئياً بـ CamScanner





# Al-Fatch Ready Mix Concrete

Date : 18-12-2023

Time : 13:20:51

Client Name : اسم العميل

City : المدينة

Mix Code : اسم الخلطة

Truck Number : رقم الشاحنة

10

Driver Name : اسم السائق

Mando

Number Of Batches : عدد الباتشات

5

Quantity :

الكمية المطلوبة

9 060 M

Quantity/batch :

كمية الباتشة

1 800 M

|         | SAND1<br>390 | SAND2<br>290 | AGG2<br>540 | AGG1<br>540 | CEM1<br>0 | CEM2<br>350 | CEM3<br>0 | CEM4<br>0 | WATER<br>170 | ADD1<br>7 00 | ADD2<br>0 00 |
|---------|--------------|--------------|-------------|-------------|-----------|-------------|-----------|-----------|--------------|--------------|--------------|
| Batches |              |              |             |             |           |             |           |           |              |              |              |
| 1       | 717          | 696          | 967         | 976         | 0         | 631         | 0         | 0         | 305          | 12.77        | 0.00         |
| 2       | 686          | 711          | 902         | 951         | 0         | 630         | 0         | 0         | 306          | 12.02        | 0.00         |
| 3       | 693          | 705          | 1083        | 1086        | 0         | 629         | 0         | 0         | 304          | 13.16        | 0.00         |
| 4       | 708          | 687          | 681         | 790         | 0         | 631         | 0         | 0         | 307          | 12.57        | 0.00         |
| 5       | 713          | 713          | 1160        | 1079        | 0         | 633         | 0         | 0         | 302          | 12.43        | 0.00         |
| ACT     | 3517         | 3512         | 4885        | 4842        | 0         | 3154        | 0         | 0         | 1524         | 62.95        | 0.00         |
| TAR     | 3510         | 3510         | 4860        | 4860        | 0         | 3150        | 0         | 0         | 1530         | 63.00        | 0.00         |
| DIF     | 7            | 2            | 25          | -18         | 0         | 4           | 0         | 0         | -6           | -0.05        | 0.00         |
| Tol: %  | 0.20         | 0.06         | 0.51        | -0.37       | 0.00      | 0.15        | 0.00      | 0.00      | -0.39        | -0.08        | 0.00         |

2023-12-18-1697

# AI-Patch Ready Mix Concrete

Date: 15/12/2022

Page: 1

Client Name:   
العميل

Project Name:   
المشروع

Location:   
الموقع

Site:   
الموقع

Quantity:   
الكمية

Concrete Name:   
اسم الخرسانة

Grade:   
الدرجة

Color:   
اللون

Finish:   
الإنهاء

Notes:   
ملاحظات

| Material | Quantity (m³) | Weight (kg) | Volume (m³) | Weight (kg) | Volume (m³) | Weight (kg) | Volume (m³) | Weight (kg) | Volume (m³) |
|----------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Cement   | 100           | 1430        | 0.70        | 100         | 0.70        | 100         | 0.70        | 100         | 0.70        |
| Water    | 100           | 1000        | 0.10        | 100         | 0.10        | 100         | 0.10        | 100         | 0.10        |
| Gravel   | 100           | 1540        | 0.65        | 100         | 0.65        | 100         | 0.65        | 100         | 0.65        |
| Sand     | 100           | 1650        | 0.60        | 100         | 0.60        | 100         | 0.60        | 100         | 0.60        |

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## Al-Fatch Ready Mix Concrete

Date: 19-12-2023

Time: 11:00:07

Client Name \ اسم العميل

Mix Code \ اسم الخلطة

c250/350

Truck Number \ رقم السيارة

10

Driver Name \ اسم السائق

Namir

Number Of Batches \ عدد الشاحنات

5

Quantity \

الكمية المتر

0.900 M

Quantity/batch \

حجم الشاحنة

1.800 M

|         | SAND1<br>390 | SAND2<br>390 | AGG2<br>540 | AGG1<br>540 | CEM1<br>350 | CEM2<br>0 | CEM3<br>0 | CEM4<br>0 | WATER<br>190 | ADM1<br>0.00 | ADM2<br>2.00 |
|---------|--------------|--------------|-------------|-------------|-------------|-----------|-----------|-----------|--------------|--------------|--------------|
| Batches |              |              |             |             |             |           |           |           |              |              |              |
| 1       | 700          | 712          | 983         | 960         | 627         | 0         | 0         | 0         | 300          | 0.00         | 12.64        |
| 2       | 721          | 683          | 930         | 977         | 632         | 0         | 0         | 0         | 294          | 0.00         | 12.62        |
| 3       | 682          | 710          | 1026        | 989         | 638         | 0         | 0         | 0         | 295          | 0.00         | 12.51        |
| 4       | 707          | 713          | 959         | 953         | 622         | 0         | 0         | 0         | 305          | 0.00         | 12.50        |
| 5       | 706          | 696          | 926         | 953         | 641         | 0         | 0         | 0         | 294          | 0.00         | 12.60        |
| AC1     | 3513         | 3514         | 4824        | 4862        | 5130        | 0         | 0         | 0         | 1484         | 0.00         | 62.90        |
| Tot     | 3510         | 3510         | 4800        | 4860        | 5130        | 0         | 0         | 0         | 1485         | 0.00         | 62.90        |
| DIF     | 3            | 4            | -36         | 2           | 0           | 0         | 0         | 0         | -1           | 0.00         | -0.02        |
| Tot %   | 0.09         | 0.11         | -0.74       | 0.04        | 0.00        | 0.00      | 0.00      | 0.00      | -0.07        | 0.00         | -0.03        |

2023-12-19-1717

# Al-Fateh Ready Mix Concrete

Date: 19-12-2023

Time: 13:27:50

Client Name: اسم العميل / شركة

Mix Code: اسم الخلطة / القنار 250/350

Truck Number: رقم السيارة / 10

Driver Name: اسم السائق / Mando

Number Of Batches: عدد الشبات / 5

Quantity: الكمية المطلوبة / 9 000 M

Quantity-batch: حجم الشبة / 1 800 M

|        | SAN01<br>390 | SAND2<br>190 | AGG12<br>540 | AGG11<br>420 | CEM1<br>350 | CEM2<br>0 | CEM3<br>0 | CEM4<br>0 | WATER<br>165 | ADD1<br>710 | ADD2<br>0.00 |
|--------|--------------|--------------|--------------|--------------|-------------|-----------|-----------|-----------|--------------|-------------|--------------|
| Batch  |              |              |              |              |             |           |           |           |              |             |              |
| 1      | 709          | 692          | 471          | 473          | 631         | 0         | 0         | 0         | 207          | 12.72       | 0.00         |
| 2      | 695          | 704          | 470          | 460          | 629         | 0         | 0         | 0         | 294          | 12.49       | 0.00         |
| 3      | 699          | 705          | 1004         | 1002         | 633         | 0         | 0         | 0         | 305          | 17.40       | 0.00         |
| 4      | 701          | 709          | 922          | 936          | 634         | 0         | 0         | 0         | 264          | 12.78       | 0.00         |
| 5      | 709          | 688          | 1096         | 1016         | 653         | 0         | 0         | 0         | 303          | 12.33       | 0.00         |
| ACT    | 3513         | 3503         | 4963         | 4887         | 3160        | 0         | 0         | 0         | 1486         | 62.88       | 0.00         |
| TAR    | 3510         | 3510         | 4860         | 4860         | 3150        | 0         | 0         | 0         | 1485         | 63.00       | 0.00         |
| DIF    | 3            | -7           | 103          | 27           | 10          | 0         | 0         | 0         | 1            | -0.12       | 0.00         |
| Tare % | 0.09         | -0.20        | 2.12         | 0.56         | 0.37        | 0.00      | 0.00      | 0.00      | 0.07         | -0.19       | 0.00         |

2023-12-19-4724



شركة انشاء وتشييد ولايات اتحادية  
 ايجن محمد محمود رفعت وشركائه  
 ب. ق. ١٠٠٠ - ١٠٠٠ - ١٠٠٠

# Al-Fateh Ready Mix Concrete

Date 19.12.2023 Time 14:35:53

Client Name \ اسم العميل

Mix Code \ اسم الخلطة

Truck Number \ رقم الشاحنة

Number Of Batches \ عدد الدفعات

Driver Name \ اسم السائق

Quantity \ كمية الخرسانة

300 M

Quantity \ كمية الخرسانة

300 M

|         | SAND1 | SAND2 | AGG1 | AGG2 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|------|------|------|------|------|-------|-------|------|
| Batches | 390   | 590   | 540  | 540  | 350  | 0    | 0    | 0    | 165   | 7.00  | 0.00 |
| 1       | 703   | 704   | 973  | 975  | 629  | 0    | 0    | 0    | 298   | 12.00 | 0.00 |
| 2       | 697   | 699   | 967  | 986  | 632  | 0    | 0    | 0    | 295   | 12.42 | 0.00 |
| 3       | 712   | 702   | 974  | 948  | 628  | 0    | 0    | 0    | 298   | 12.58 | 0.00 |
| 4       | 694   | 706   | 971  | 982  | 628  | 0    | 0    | 0    | 294   | 12.90 | 0.00 |
| 5       | 709   | 709   | 949  | 964  | 629  | 0    | 0    | 0    | 300   | 12.41 | 0.00 |

|     |      |      |      |      |      |   |   |   |      |       |      |
|-----|------|------|------|------|------|---|---|---|------|-------|------|
| AC1 | 3515 | 3520 | 4834 | 4855 | 3145 | 0 | 0 | 0 | 1485 | 62.97 | 0.00 |
| TAR | 3510 | 3510 | 4860 | 4860 | 3150 | 0 | 0 | 0 | 1485 | 63.00 | 0.00 |

|         |      |      |      |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|------|------|------|
| DIF     | 5    | 10   | 26   | 26   | 5    | 0    | 0    | 0    | 0    | 0.00 | 0.00 |
| Total % | 0.14 | 0.28 | 0.10 | 0.10 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

2023.12.19 14:35:53

# Submission Review and Comment Sheet



## REVIEW NOTICE

|                     |                                           |                   |                       |
|---------------------|-------------------------------------------|-------------------|-----------------------|
| RCS Number          |                                           |                   |                       |
| Transmittal Date    | 06-09-2023                                | Receiving Date    | 06-09-2023            |
| Transmittal No      |                                           | Document Number   |                       |
| Contractor Name     | INSHAA GENERAL CONSTRUCTION               | Document Revision |                       |
| Designer            | EL NIL                                    | Location          | KP 457+600 TO 461+200 |
| Transmittal Subject | PREQUALIFICATION FOR AL FATEH BATCH PLANT |                   |                       |
| Document Title      |                                           |                   |                       |

The following Notes apply to this Review:

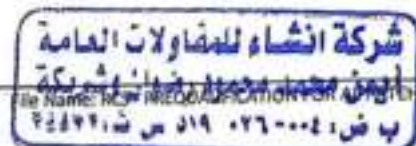
- The Contractor may include many documents in one submission (Transmittal form) however where possible, it is ER policy to reply individually to each listed submitted document.
- If appropriate, ER may respond to many documents received on one submission (Transmittal Form) where one response will be applied to the entire submission package.
- Document number shall be a document in the transmission list (usually the first number listed)
- This Review comments comprises all of the pages listed in the footer below
- The Review Notice Status shown below applies to all documents described in the Comments Sheet
- Major (M) classified comments are issued when the referenced document submission fails to meet or describe a requirement in respect of how the submission requirement is organised, implemented or maintained and without correction will introduce a major risk and will jeopardise the effectiveness of the submission if implemented
- Minor (m) classified comments are issued when the referenced document submission fails to meet or describe a requirement in respect of how the submission requirement is organised, implemented or maintained and without correction may jeopardise the effectiveness of the submission.
- The Contractor must state if their response to ER Comments have been incorporated (I) into a revised document or, shall not be incorporated (NI) as described
- Any ASCII character may be used to denote data entry into the fields for M, m, I or NI
- Unresolved comments shall be incremented by a decimal index and all comments shall remain open until the subject is resolved

|                             |                        |
|-----------------------------|------------------------|
| STATUS OF THE REVIEW NOTICE | APPROVED WITH COMMENTS |
|-----------------------------|------------------------|

### Status Legend

| Status                  | Meaning                                                                         |
|-------------------------|---------------------------------------------------------------------------------|
| APPROVED                | No objection to proceed                                                         |
| APPROVED WITH COMMENTS  | No objection if the Contractor incorporates comments and resubmits for approval |
| REJECTED                | Revise and resubmit after fulfilling the comments                               |
| RECEIPT FOR INFORMATION | ER receipt only no action required                                              |

The status given by the Employer's Representative /General Consultant for this submission does not exonerate or relieve the Contractor from any obligation or liability hereunder. Each such status is given in reliance upon, and subject to the performance by the Contractor of its Works in accordance with and pursuant to the terms, covenants, provisions and conditions of its Contract. Without limitation to the generality of the foregoing, neither the review nor the Approved status of any submittal or portion thereof by the Employer's Representative / General Consultant shall relieve the Contractor of any of its responsibilities whatsoever for the accuracy or integrity of the submittal, or the ability of the Contractor to meet any conditions specified in the submittal. While Employer's Representative / General Consultant retains rights of Approval for all submittals, the areas in which it retains Approved rights is limited to the Employer's Representative / General Consultant scope of work, for the information provided by the Contractor.



File Name: RCS - PREQUALIFICATION FOR AL FATEH BATCH PLANT.docx

Page 1 c



شركة النساء والمساواة العالمية  
إيثر ملهم محمد رضا وأن شريكة  
ب فخر ٠٠١-٦٦٨-٧٢٥٧٩



## Green Line

|                                                               |                              |                        |          |                  |          |
|---------------------------------------------------------------|------------------------------|------------------------|----------|------------------|----------|
| Location Name                                                 |                              | Contractor Company     |          | Designer Company |          |
| Kp 420+00-458+800<br>Kp 458+800-460+600<br>Kp 460+600-461+200 |                              | انشاء للمقارلات العامة |          | sgac             |          |
| Contractor<br>ISSUED                                          | Name                         | Sign                   | Date     | Designation      |          |
|                                                               | Eng: mahmoud shaban<br>ahmed | محمد شهاب احمد         | 6/9/2023 |                  |          |
| Contractor<br>Reference                                       |                              |                        |          |                  | Revision |

NB: Package 1 Only (Package 2 via Aconex)

## THE FOLLOWING DOCUMENTS ARE ATTACHED FOR REVIEW

| Item | Document No                                           | Revision | Title            | Number<br>Sheets |
|------|-------------------------------------------------------|----------|------------------|------------------|
| 1    | The batch plant<br>approved before<br>for AL NOBY co. |          | AL FATAH batch - |                  |
| 2    |                                                       |          | Plant.           |                  |
| 3    |                                                       |          |                  |                  |
| 6    |                                                       |          |                  |                  |
| 7    |                                                       |          |                  |                  |
| 8    |                                                       |          |                  |                  |
| 9    |                                                       |          |                  |                  |

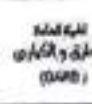
|                       |                                                                                                                     |                                                                                     |             |             |
|-----------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------|-------------|
| Designer<br>RECEIPT   | Name                                                                                                                | Sign                                                                                | Designation | Date        |
|                       | m-Negm                                                                                                              |  |             |             |
| Designer<br>Reference |                                                                                                                     |                                                                                     |             | Revision    |
| Designer Comments:    |                                                                                                                     |                                                                                     |             |             |
|                       |                                                                                                                     |                                                                                     |             |             |
| Designer Status       | <input type="checkbox"/> Approved <input type="checkbox"/> Approved with Comments <input type="checkbox"/> Rejected |                                                                                     |             |             |
| Designer<br>REPLY     | Name                                                                                                                | Sign                                                                                | Date        | Designation |
|                       |                                                                                                                     |                                                                                     |             |             |

## Note:

- Response from the Designer is not mandatory for every submission, but may be necessary for previously approved design related subjects
- Response to Contractor's Submission by the Employers Representative (ER) shall be by Letter and Review and Comment Sheet (RCS) with any comments attached and the status of approval
- Receipt of Submission via EDMS will not be signed by ER




# SUBMISSION OF TEST RESULTS



## Green Line

|                            |                    |                    |           |                  |          |
|----------------------------|--------------------|--------------------|-----------|------------------|----------|
| Location Name              |                    | Contractor Company |           | Designer Company |          |
| From st 458+508 to 458+656 |                    | Inshaa company     |           | SGAC             |          |
| Issued by Contractor       | Name               | Sign               | Date      | Designation      |          |
|                            | Eng/Mahmoud Shaban |                    | 11-1-2024 |                  |          |
| Contractor Reference       |                    |                    |           |                  | Revision |
| Received by ER             | Name               | Sign               | TRF       | DD               | MM       |
|                            |                    |                    |           | 20               | 2        |

NB: Package 1 Only (Package 2 via Aconex)

### THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW

| Description of Test | Compression tests of cubes for slope protection right for st 458+508 to 458+656 for quantity = 90m <sup>3</sup> |                  |                        |            |  |
|---------------------|-----------------------------------------------------------------------------------------------------------------|------------------|------------------------|------------|--|
| Location of Test    | Cel                                                                                                             |                  |                        |            |  |
| Item                | Specification                                                                                                   | Test Requirement | Test Result Attachment | Remarks    |  |
| 1                   | E.E.T Specs                                                                                                     | كسبة 7 أيام      | Cel lab                | Pass - 249 |  |
| 2                   |                                                                                                                 |                  |                        | Pass - 267 |  |
| 3                   |                                                                                                                 |                  |                        |            |  |
| 4                   |                                                                                                                 |                  |                        |            |  |
| 5                   |                                                                                                                 |                  |                        |            |  |

|                                                                                                                                                  |                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Comments by: SGAC Mahmoud Adel                                                                                                                   | Comments by: SYSTRA                                                                  |
| <p>the test results</p> <p>مركز الاستشارات الهندسية<br/>للطرق والمطارات SGAC<br/>د. سعد محمد الجيوشي<br/>مشرف على القبول</p> <p>1's APPROVED</p> | <p>Pouring and concrete cubes are contractor and sgac consultant responsibility.</p> |

| APPROVAL STATUS          |                 |      |           |         |
|--------------------------|-----------------|------|-----------|---------|
| Organisation             | Name            | Sign | Date      | A-AWC-R |
| Contractor               | م / محمود شعبان |      | 11-1-2024 | A       |
| QA/QC                    | م / محمود عادل  |      | 11-1-2024 | A       |
| GARB *                   | م / مصطفى نجم   |      | 12-1-2024 | A       |
| Employers Representative | م / محمد ماهر   |      | 20-2-24   |         |

\* Alignment / Bridges: Culvert Only

A= Approved; AWC= Approved with Comments; R= Rejected

شركة انشاء للمقاولات العامة  
يحيى محمد محمود رضوان وشركته  
1552441100

Consulting Engineering Bureau & Laboratories  
مكتب محامل الاختبارات الهندسية

Client Name : Inshaa General Company  
at : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh  
of Report : 11-01-2024  
Ref No. : 26  
Location : Slope Protection Right  
Height : 35m<sup>1</sup>

COMPRESSIVE STRENGTH RESULTS OF CUBE 15\*15\*15 CM CONCRETE SPECIMENS

ID: C 250380

| Date of Casting | Age Testing Days | Location                           | Weight (gm) | AVG Weight (gm) | Density (gm/cm <sup>3</sup> ) | Load (k.N) | Strength (Kg/cm <sup>2</sup> ) | Ave. Strength (Kg/cm <sup>2</sup> ) | Percentage % |
|-----------------|------------------|------------------------------------|-------------|-----------------|-------------------------------|------------|--------------------------------|-------------------------------------|--------------|
| 4-1-2024        | 11-1-2024        | 7<br>St.<br>(458+508)<br>(458+556) | 8310        | 8291            | 2.46                          | 502        | 227                            | 249                                 | 99           |
|                 |                  |                                    | 8354        |                 |                               | 585        | 265                            |                                     |              |
|                 |                  |                                    | 8209        |                 |                               | 559        | 253                            |                                     |              |

تم تزويد العينات بواسطة العميل والمعمل وتم اختبارها عن طريق آلة الضغط الهيدروليكية

CEI  
مكتب محامل الاختبارات الهندسية  
Signature  
11-01-2024  
مكتب محامل الاختبارات الهندسية

شركة انشاء للمقاولات العامة  
ابن محمد محمود رضوان وشركاه  
ب. ص. ٢٦٠٠٠٩ ٠١٩ ٢٤٤٢٢١



| Date of  | Age       | Location | Weight (gm)                     | AVG Weight (gm). | Density               | Load (k.N)                    | Strength (Kg/cm <sup>2</sup> ) | Ave. Strength (Kg/cm <sup>2</sup> ) | Percentage %                        |              |
|----------|-----------|----------|---------------------------------|------------------|-----------------------|-------------------------------|--------------------------------|-------------------------------------|-------------------------------------|--------------|
|          |           |          |                                 |                  | (gm/cm <sup>3</sup> ) |                               |                                |                                     |                                     |              |
| Casting  | Testing   | Days     | Location                        | Weight (gm)      | AVG Weight (gm).      | Density (gm/cm <sup>3</sup> ) | Load (k.N)                     | Strength (Kg/cm <sup>2</sup> )      | Ave. Strength (Kg/cm <sup>2</sup> ) | Percentage % |
|          |           |          |                                 |                  |                       |                               |                                |                                     |                                     |              |
|          |           |          |                                 |                  |                       |                               |                                |                                     |                                     |              |
| 4-1-2024 | 11-1-2024 | 7        | St.<br>(458+508) :<br>(458+656) | 8310             | 8291                  | 2.46                          | 502                            | 227                                 | 249                                 | 99           |
|          |           |          |                                 | 8354             |                       |                               | 585                            | 265                                 |                                     |              |
|          |           |          |                                 | 8209             |                       |                               | 559                            | 253                                 |                                     |              |

**CGL**  
مجلس إدارة الجمعية العامة  
Signature / .....  
٢١٨ - ٩٩١ - ٤٥٧  
٢٠١٦ - ٢٠١٧ - ٢٠١٨

شركة النخيل والحقول العامة  
إبراهيم محمد محمود رضا وشريكة  
ب.ش. ٠٠١-٠٣٩-٥١٩ ص.ش. ٢٤٥٨٢

**CEL**  
Consulting Engineering Bureau & Laboratories  
مكتب معامل الاستشارات الهندسية

Company Name : Iushaa General Company  
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh  
Date of Report : 10-01-2024  
Report No. : 25  
Location : Slope Protection Right  
Quantity : 54 m<sup>3</sup>

COMPRESSIVE STRENGTH RESULTS OF CUBE 15\*15\*15 CM CONCRETE SPECIMENS

Mix ID: C 250/350

| Date of  | Age       | Location | Weight (gm) | AVG Weight (gm)                 | Density (gm/cm <sup>3</sup> ) | Load (k.N) | Strength (Kg/cm <sup>2</sup> ) | Ave. Strength (Kg/cm <sup>2</sup> ) | Percentage % |
|----------|-----------|----------|-------------|---------------------------------|-------------------------------|------------|--------------------------------|-------------------------------------|--------------|
| Casting  | Testing   | Days     | 7           | St.<br>(458+508) :<br>(458+656) | 8259                          | 2.45       | 8193                           | 582                                 | 267          |
|          |           |          |             |                                 |                               |            | 8283                           | 575                                 |              |
|          |           |          |             |                                 |                               |            | 8301                           | 614                                 |              |
| 3-1-2024 | 10-1-2024 | 7        |             |                                 |                               |            |                                |                                     | 107          |

Note: تم توريد المعينات بواسطة العميل والعمل غير مسئول عن كيفية أخذ أو معالجة العينات

Signature / .....  
مدير مكتب الاستشارات الهندسية  
السيد / محمد مصطفى  
218-001-003  
موبايل: 011-233-0000-0000-0000

شركة انشاء المقاولات العامة  
اين محمد محمود رضوان وشركته  
ب. ص. ٢٦٠٠٠٤ - ٢٦٠٠٠٤ - ٢٦٠٠٠٤

شركة انشاء للمقاولات العامة  
ايمن محمد محمود رضوان وشركه  
ب.ض. ٠٠٤١ ٠٢٦ ٣١٩ من ت ٢٠٥٧٢

Al-Fateh Ready Mix Concrete

Date : 3-1-2024

Time : 13:23:16

Client Name \ العميل

Mix Code \ اسم الخلطة  
c250/350

Truck Number \ رقم الشبارة  
10

Number Of Batches \ عدد البعثات  
5

Quantity \ الكمية المطلوبة  
9.000 M

Quantity/batch \ حجم البعثة  
1.800 M

Driver Name \ اسم السائق  
Mando

| Batches | SAND1 | SAND2 | AGG2 | AGG1 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|------|------|------|------|------|-------|-------|------|
| 1       | 703   | 708   | 965  | 960  | 0    | 630  | 0    | 0    | 306   | 12.55 | 0.00 |
| 2       | 702   | 692   | 941  | 941  | 0    | 632  | 0    | 0    | 309   | 12.76 | 0.00 |
| 3       | 697   | 710   | 965  | 976  | 0    | 625  | 0    | 0    | 301   | 12.53 | 0.00 |
| 4       | 710   | 692   | 937  | 936  | 0    | 634  | 0    | 0    | 307   | 12.56 | 0.00 |
| 5       | 691   | 708   | 964  | 959  | 0    | 630  | 0    | 0    | 307   | 12.61 | 0.00 |
| ACT     | 3503  | 3510  | 4772 | 4772 | 0    | 3151 | 0    | 0    | 1530  | 63.01 | 0.00 |
| TAR     | 3510  | 3510  | 4770 | 4770 | 0    | 3150 | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF     | -7    | 0     | 2    | 2    | 0    | 1    | 0    | 0    | 0     | 0.01  | 0.00 |
| Tote %  | -0.20 | 0.00  | 0.04 | 0.04 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00  | 0.02  | 0.00 |

2024-1-3-5172



الممسوحة ضوئياً بـ CamScanner

Time: 07:47:43

## Al-Fateh Ready Mix Concrete

Client Name \ محمد الجبوري

• **Learn**

المزيج الكود \

c250/350 11.50

رقم السيارة \ Truck Number \

10

اسم السائق \ Driver Name

Mando

Number Of Batches \  $\frac{1}{\sigma^2}$ 

5

Quantity \ Quantity

9,000 M

Quantity/بatches \ الكمية / دفعات

1.800 M

| Batches | SAND1 | SAND2 | AGG2 | AGG1 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|------|------|------|------|------|-------|-------|------|
|         | 390   | 390   | 530  | 530  | 0    | 350  | 0    | 0    | 170   | 7.00  | 0.00 |
| 1       | 701   | 700   | 967  | 959  | 0    | 630  | 0    | 0    | 306   | 13.12 | 0.00 |
| 2       | 704   | 703   | 925  | 936  | 0    | 629  | 0    | 0    | 310   | 11.95 | 0.00 |
| 3       | 700   | 705   | 972  | 944  | 0    | 636  | 0    | 0    | 294   | 12.80 | 0.00 |
| 4       | 707   | 693   | 957  | 951  | 0    | 626  | 0    | 0    | 313   | 12.54 | 0.00 |
| 5       | 697   | 719   | 963  | 963  | 0    | 628  | 0    | 0    | 306   | 12.69 | 0.00 |

|        | -1    | 10   | 14   | 3    | 0    | -1    | 0    | 0    | -1    | 0.10  | 0.00 |
|--------|-------|------|------|------|------|-------|------|------|-------|-------|------|
| Tote % | -0.03 | 0.28 | 0.29 | 0.06 | 0.00 | -0.03 | 0.00 | 0.00 | -0.07 | 0.16  | 0.00 |
| ACT    | 3509  | 3520 | 4784 | 4773 | 0    | 3149  | 0    | 0    | 1529  | 63.10 | 0.00 |
| TAR    | 3510  | 3510 | 4770 | 4770 | 0    | 3150  | 0    | 0    | 1530  | 63.00 | 0.00 |

2024-1-3-5163

# Al-Fateh Ready Mix Concrete

Time : 10:35:59

Date : 3-1-2024

Client Name \ اسم العميل  
مشاء

Mix Code \ اسم الخلطة  
C250/330

Truck Number \ رقم السيارة  
10

Number Of Batches \ عدد الباشات  
5

Driver Name \ اسم السائق  
Mando

Quantity \

الكمية المطلوبة  
9.000 M

Quantity/batch \ حجم الباشة  
1.800 M

|         | SAND1<br>390 | SAND2<br>390 | AGG2<br>530 | AGG1<br>530 | CEM1<br>0 | CEM2<br>350 | CEM3<br>0 | CEM4<br>0 | WATER<br>170 | ADD1<br>0.00 | ADD2<br>7.00 |
|---------|--------------|--------------|-------------|-------------|-----------|-------------|-----------|-----------|--------------|--------------|--------------|
| Batches |              |              |             |             |           |             |           |           |              |              |              |
| 1       | 700          | 702          | 950         | 958         | 0         | 631         | 0         | 0         | 308          | 0.00         | 12.79        |
| 2       | 698          | 707          | 964         | 942         | 0         | 627         | 0         | 0         | 303          | 0.00         | 12.43        |
| 3       | 718          | 695          | 940         | 974         | 0         | 636         | 0         | 0         | 308          | 0.00         | 12.72        |
| 4       | 684          | 702          | 960         | 939         | 0         | 625         | 0         | 0         | 303          | 0.00         | 12.42        |
| 5       | 708          | 701          | 934         | 962         | 0         | 626         | 0         | 0         | 310          | 0.00         | 12.72        |
| ACT     | 3508         | 3507         | 4748        | 4775        | 0         | 3145        | 0         | 0         | 1532         | 0.00         | 63.08        |
| TAR     | 3510         | 3510         | 4770        | 4770        | 0         | 3150        | 0         | 0         | 1530         | 0.00         | 63.00        |
| DIF     | -2           | -3           | -22         | 5           | 0         | -5          | 0         | 0         | 2            | 0.00         | 0.08         |
| Tote %  | -0.06        | -0.09        | -0.46       | 0.10        | 0.00      | -0.16       | 0.00      | 0.00      | 0.13         | 0.00         | 0.13         |

2024-1-3-51665

# Al-Fateh Ready Mix Concrete

شركة انشاء للمقاولات العامة  
ايمن محمد محمود رضوان وشركته  
ب.ض.ا. ٠٠٢-٠٢٦ ٠١٩ من ت. ٢٤٢٧٢٠

Date : 3-1-2024

Client Name : اسم العميل

Mix Code : اسم الخلطة

Truck Number : رقم السيارة

Number Of Batches : عدد البعثات

Driver Name : اسم السائق

Mando : التسمية المتعارفة

Quantity/batch : حجم البعثة

|         | SAND1 | SAND2 | AGG1 | AGG2  | CEM1 | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|-------|------|------|------|------|-------|-------|------|
|         | 390   | 390   | 530  | 530   | 0    | 350  | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |      |       |      |      |      |      |       |       |      |
| 1       | 700   | 703   | 953  | 963   | 0    | 630  | 0    | 0    | 307   | 12.69 | 0.00 |
| 2       | 696   | 701   | 927  | 941   | 0    | 631  | 0    | 0    | 304   | 12.40 | 0.00 |
| 3       | 727   | 706   | 1016 | 968   | 0    | 628  | 0    | 0    | 307   | 12.87 | 0.00 |
| 4       | 676   | 703   | 896  | 942   | 0    | 630  | 0    | 0    | 306   | 12.29 | 0.00 |
| 5       | 716   | 692   | 991  | 948   | 0    | 635  | 0    | 0    | 305   | 12.91 | 0.00 |
|         |       |       |      |       |      |      |      |      |       |       |      |
|         | 3515  | 3505  | 4783 | 4762  | 0    | 3154 | 0    | 0    | 1529  | 63.16 | 0.00 |
| ACT     | 3510  | 3510  | 4770 | 4770  | 0    | 3150 | 0    | 0    | 1530  | 63.00 | 0.00 |
| TAR     |       |       |      |       |      |      |      |      |       |       |      |
| DIF     | 5     | -5    | 13   | -8    | 0    | 4    | 0    | 0    | -1    | 0.16  | 0.00 |
| Tote %  | 0.14  | -0.14 | 0.27 | -0.17 | 0.00 | 0.15 | 0.00 | 0.00 | -0.07 | 0.25  | 0.00 |

2024-1-3-5168



# Al-Fateh Ready Mix Concrete

شركة إنشاء للمقاولات والبناء  
أيضاً محمد محمود رشوان وشركته  
ب. ص. ٠٠٤ - ٠٢٦ ٠١٩

Date : 3-1-2024

Client Name \ اسم العميل  
بشام

Mix Code \ اسم الخلطة  
c250/350

Truck Number \ رقم السيارة  
١٠

Number Of Batches \ عدد البعثات  
5

Driver Name \ اسم السائق  
Mando

Quantity \ الكمية المطلوبة  
9.600 M

Quantity/batch \ الكمية  
1.800 M

| Batches | SAND1 | SAND2 | AGG2 | AGG1 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | ADD1 | ADD2  |
|---------|-------|-------|------|------|------|------|------|------|-------|------|-------|
| 1       | 700   | 702   | 950  | 958  | 0    | 631  | 0    | 0    | 308   | 0.00 | 12.79 |
| 2       | 698   | 707   | 964  | 942  | 0    | 627  | 0    | 0    | 303   | 0.00 | 12.43 |
| 3       | 718   | 695   | 940  | 974  | 0    | 636  | 0    | 0    | 308   | 0.00 | 12.72 |
| 4       | 684   | 702   | 960  | 939  | 0    | 625  | 0    | 0    | 303   | 0.00 | 12.42 |
| 5       | 708   | 701   | 934  | 962  | 0    | 626  | 0    | 0    | 310   | 0.00 | 12.72 |

|     |      |      |      |      |   |      |   |   |      |      |       |
|-----|------|------|------|------|---|------|---|---|------|------|-------|
| ACT | 3508 | 3507 | 4748 | 4775 | 0 | 3145 | 0 | 0 | 1532 | 0.00 | 63.08 |
| TAR | 3510 | 3510 | 4770 | 4770 | 0 | 3150 | 0 | 0 | 1530 | 0.00 | 63.00 |

|        |       |       |       |      |      |       |      |      |      |      |      |
|--------|-------|-------|-------|------|------|-------|------|------|------|------|------|
| DIF    | -2    | -3    | -22   | 5    | 0    | -5    | 0    | 0    | 2    | 0.00 | 0.08 |
| Tote % | -0.06 | -0.09 | -0.46 | 0.10 | 0.00 | -0.16 | 0.00 | 0.00 | 0.13 | 0.00 | 0.13 |

2024-1-3-5162



## Al-Fateh Ready Mix Concrete

Date : 4-1-2024

Time : 07:03:08

Client Name \ اسم العميل

Mix Code \ اسم الخلطة

Truck Number \ رقم الشوكة

Driver Name \ اسم السائق

Number Of Batches \ عدد الباتشات

Quantity \ الكمية المطلوبة

Quantity/batch \ حجم الباتشة

|         | SAND1 | SAND2 | AGG2  | AGG1  | CEM1 | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|-------|-------|------|------|------|------|-------|-------|------|
|         | 390   | 390   | 530   | 530   | 0    | 350  | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |       |       |      |      |      |      |       |       |      |
| 1       | 705   | 697   | 939   | 962   | 0    | 630  | 0    | 0    | 308   | 12.66 | 0.00 |
| 2       | 700   | 704   | 974   | 939   | 0    | 632  | 0    | 0    | 304   | 12.58 | 0.00 |
| 3       | 680   | 707   | 946   | 961   | 0    | 625  | 0    | 0    | 305   | 12.47 | 0.00 |
| 4       | 737   | 701   | 962   | 950   | 0    | 634  | 0    | 0    | 305   | 12.83 | 0.00 |
| 5       | 679   | 704   | 947   | 957   | 0    | 630  | 0    | 0    | 305   | 12.01 | 0.00 |
| ACT     | 3501  | 3513  | 4768  | 4769  | 0    | 3151 | 0    | 0    | 1527  | 62.55 | 0.00 |
| TAR     | 3510  | 3510  | 4770  | 4770  | 0    | 3150 | 0    | 0    | 1530  | 63.00 | 0.00 |
| DIF     | -9    | 3     | -2    | -1    | 0    | 1    | 0    | 0    | -3    | -0.45 | 0.00 |
| ole %   | -0.26 | 0.09  | -0.04 | -0.02 | 0.00 | 0.03 | 0.00 | 0.00 | -0.20 | -0.71 | 0.00 |

2024-1-4-5199



## Al-Fateh Ready Mix Concrete

Date : 4-1-2024

Time : 08:19:00

Client Name \ اسم العميل

انشاء

Mix Code \ اسم الخلطة

c250/350

Truck Number \ رقم السيارة

10

Driver Name \ اسم السائق

Mando

Number Of Batches \ عدد البعثات  
5

Quantity \ الكمية المطلوبة  
9.000 M

Quantity/batch \ حجم البعثة  
1.800 M

|         | SAND1 | SAND2 | AGG2  | AGG1 | CEM1 | CEM2  | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|-------|------|------|-------|------|------|-------|-------|------|
|         | 390   | 390   | 530   | 530  | 0    | 350   | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |       |      |      |       |      |      |       |       |      |
| 1       | 695   | 705   | 957   | 977  | 0    | 630   | 0    | 0    | 311   | 13.00 | 0.00 |
| 2       | 716   | 699   | 961   | 927  | 0    | 632   | 0    | 0    | 301   | 12.05 | 0.00 |
| 3       | 682   | 707   | 920   | 946  | 0    | 625   | 0    | 0    | 306   | 13.05 | 0.00 |
| 4       | 720   | 688   | 1051  | 970  | 0    | 633   | 0    | 0    | 301   | 12.15 | 0.00 |
| 5       | 695   | 722   | 825   | 956  | 0    | 629   | 0    | 0    | 312   | 12.72 | 0.00 |
| ACT     | 3508  | 3521  | 4714  | 4776 | 0    | 3149  | 0    | 0    | 1531  | 62.97 | 0.00 |
| FAR     | 3510  | 3510  | 4770  | 4770 | 0    | 3150  | 0    | 0    | 1530  | 63.00 | 0.00 |
| MF      | -2    | 11    | -56   | 6    | 0    | -1    | 0    | 0    | 1     | -0.03 | 0.00 |
| ole %   | -0.06 | 0.31  | -1.17 | 0.13 | 0.00 | -0.03 | 0.00 | 0.00 | 0.07  | -0.05 | 0.00 |

2024-1-4-5205

# Al-Fateh Ready Mix Concrete

شركة الفتح الجاهزة  
Time : 40:30:25  
عدد محمولات رافعة  
٢٠٢٤-١٩-٠٢٦

Date : 4-1-2024

Client Name \ اسم العميل  
اشاء

Mix Code \ اسم الخلطة  
القنار 250/350

Truck Number \ رقم السيارة  
10

Number Of Batches \ عدد البعثات  
5

Driver Name \ اسم السائق  
Mando

Quantity \ الكمية المطلوبة  
9,000 M

Quantity/batch \ حجم البعثة  
1,800 M

|         | SAND1 | SAND2 | AGG2 | AGG1 | CEM1 | CEM2 | CEM3 | CEM4 | WATER | ADD1  | ADD2 |
|---------|-------|-------|------|------|------|------|------|------|-------|-------|------|
| 390     | 390   | 390   | 530  | 530  | 0    | 350  | 0    | 0    | 170   | 7.00  | 0.00 |
| Batches |       |       |      |      |      |      |      |      |       |       |      |
| 1       | 707   | 701   | 962  | 950  | 0    | 630  | 0    | 0    | 304   | 13.04 | 0.00 |
| 2       | 692   | 700   | 919  | 956  | 0    | 632  | 0    | 0    | 309   | 12.25 | 0.00 |
| 3       | 712   | 708   | 995  | 964  | 0    | 625  | 0    | 0    | 300   | 12.19 | 0.00 |
| 4       | 691   | 700   | 943  | 941  | 0    | 634  | 0    | 0    | 314   | 12.92 | 0.00 |
| 5       | 708   | 695   | 949  | 956  | 0    | 630  | 0    | 0    | 303   | 12.69 | 0.00 |

|     |      |      |      |      |   |      |   |   |      |       |      |
|-----|------|------|------|------|---|------|---|---|------|-------|------|
| ACT | 3510 | 3504 | 4768 | 4767 | 0 | 3151 | 0 | 0 | 1530 | 63.09 | 0.00 |
| TAR | 3510 | 3510 | 4770 | 4770 | 0 | 3150 | 0 | 0 | 1530 | 63.00 | 0.00 |

|        |      |       |       |       |      |      |      |      |      |      |      |
|--------|------|-------|-------|-------|------|------|------|------|------|------|------|
| DIF    | 0    | -6    | -2    | -3    | 0    | 1    | 0    | 0    | 0    | 0.09 | 0.00 |
| Tole % | 0.00 | -0.17 | -0.04 | -0.06 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 |

2024-1-4-5211

بناء للمقاولات العامة  
- محمود رضوان وشريكة  
٢٠٢٦ ٠٦٩ ٠٢٦ ٢٠٢٦

## Al-Fateh Ready Mix Concrete

Date : 4-1-2024

Time : 13:33:26

Client Name \ اسم العميل  
النشاء

Mix Code \ اسم الخلطة  
c250/350 القطر

Truck Number \ رقم السيارة  
10

Number Of Batches \ عدد البعثات  
5

Driver Name \ اسم السائق  
Mando

Quantity \ الكمية المطلوبة  
9.000 M

Quantity/batch \ حجم البعثة  
1.800 M

|         | SAND1<br>390 | SAND2<br>390 | AGG2<br>530 | AGG1<br>530 | CEM1<br>0 | CEM2<br>350 | CEM3<br>0 | CEM4<br>0 | WATER<br>170 | ADD1<br>7.00 | ADD2<br>0.00 |
|---------|--------------|--------------|-------------|-------------|-----------|-------------|-----------|-----------|--------------|--------------|--------------|
| Batches |              |              |             |             |           |             |           |           |              |              |              |
| 1       | 707          | 703          | 955         | 948         | 0         | 630         | 0         | 0         | 305          | 12.49        | 0.00         |
| 2       | 700          | 696          | 973         | 961         | 0         | 631         | 0         | 0         | 307          | 12.80        | 0.00         |
| 3       | 692          | 710          | 926         | 964         | 0         | 632         | 0         | 0         | 307          | 12.66        | 0.00         |
| 4       | 714          | 702          | 951         | 935         | 0         | 630         | 0         | 0         | 304          | 12.50        | 0.00         |
| 5       | 694          | 701          | 962         | 963         | 0         | 627         | 0         | 0         | 303          | 12.32        | 0.00         |
| ACT     | 3507         | 3512         | 4767        | 4771        | 0         | 3150        | 0         | 0         | 1526         | 62.77        | 0.00         |
| TAR     | 3510         | 3510         | 4770        | 4770        | 0         | 3150        | 0         | 0         | 1530         | 63.00        | 0.00         |
| DIF     | -3           | 2            | -3          | 1           | 0         | 0           | 0         | 0         | -4           | -0.23        | 0.00         |
| Tote %  | -0.09        | 0.06         | -0.06       | 0.02        | 0.00      | 0.00        | 0.00      | 0.00      | -0.26        | -0.37        | 0.00         |

2024-1-4-5218



# Submission Review and Comment Sheet



## REVIEW NOTICE

|                     |                                           |                   |                       |
|---------------------|-------------------------------------------|-------------------|-----------------------|
| RCS Number          |                                           |                   |                       |
| Transmittal Date    | 06-09-2023                                | Receiving Date    | 06-09-2023            |
| Transmittal No      |                                           | Document Number   |                       |
| Contractor Name     | INSHAA GENERAL CONSTRUCTION               | Document Revision |                       |
| Designer            | EL NIL                                    | Location          | KP 457+600 TO 461+200 |
| Transmittal Subject | PREQUALIFICATION FOR AL FATEH BATCH PLANT |                   |                       |
| Document Title      |                                           |                   |                       |

The following Notes apply to this Review:

- The Contractor may include many documents in one submission (Transmittal form) however where possible, it is ER policy to reply individually to each listed submitted document.
- If appropriate, ER may respond to many documents received on one submission (Transmittal Form) where one response will be applied to the entire submission package.
- Document number shall be a document in the transmission list (usually the first number listed)
- This Review comments comprises all of the pages listed in the footer below
- The Review Notice Status shown below applies to all documents described in the Comments Sheet
- Major (M) classified comments are issued when the referenced document submission fails to meet or describe a requirement in respect of how the submission requirement is organised, implemented or maintained and without correction will introduce a major risk and will jeopardise the effectiveness of the submission if implemented
- Minor (m) classified comments are issued when the referenced document submission fails to meet or describe a requirement in respect of how the submission requirement is organised, implemented or maintained and without correction may jeopardise the effectiveness of the submission.
- The Contractor must state if their response to ER Comments have been incorporated (I) into a revised document or, shall not be incorporated (NI) as described
- Any ASCII character may be used to denote data entry into the fields for M, m, I or NI
- Unresolved comments shall be incremented by a decimal index and all comments shall remain open until the subject is resolved

STATUS OF THE REVIEW NOTICE

APPROVED WITH COMMENTS

### Status Legend

| Status                  | Meaning                                                                         |
|-------------------------|---------------------------------------------------------------------------------|
| APPROVED                | No objection to proceed                                                         |
| APPROVED WITH COMMENTS  | No objection if the Contractor incorporates comments and resubmits for approval |
| REJECTED                | Revise and resubmit after fulfilling the comments                               |
| RECEIPT FOR INFORMATION | ER receipt only no action required                                              |

The status given by the Employer's Representative /General Consultant for this submission does not exonerate or relieve the Contractor from any obligation or liability hereunder. Each such status is given in reliance upon, and subject to the performance by the Contractor of its Works in accordance with and pursuant to the terms, covenants, provisions and conditions of its Contract. Without limitation to the generality of the foregoing, neither the review nor the Approved status of any submittal or portion thereof by the Employer's Representative / General Consultant shall relieve the Contractor of any of its responsibilities whatsoever for the accuracy or integrity of the submittal, or the ability of the Contractor to meet any conditions specified in the submittal. While Employer's Representative / General Consultant retains rights of Approval for all submittals, the areas in which it retains Approved rights is limited to the Employer's Representative / General Consultant scope of work, for the information provided by the Contractor.

تمت الموافقة على التصميم  
أ.م.م. محمد محمود رضوان وم.م. م. م.  
٢٠٢٣/٠٩/٠٦





|                                                                |                           |                           |             |                         |
|----------------------------------------------------------------|---------------------------|---------------------------|-------------|-------------------------|
| <b>Green Line</b>                                              |                           |                           |             |                         |
| <b>Location Name</b>                                           |                           | <b>Contractor Company</b> |             | <b>Designer Company</b> |
| Kp 452+600-458+800<br>Kp 458+800-460+600<br>Kp 460+600-461+200 |                           | انشاء للمقاولات العامة    |             | sgac                    |
| <b>Contractor ISSUED</b>                                       | <b>Name</b>               | <b>Sign</b>               | <b>Date</b> | <b>Designation</b>      |
|                                                                | Eng: mahmoud shaban ahmed | محمود شهاب احمد           | 6/9/2023    |                         |
| <b>Contractor Reference</b>                                    |                           |                           |             | <b>Revision</b>         |

NB: Package 1 Only (Package 2 via Aconex)

**THE FOLLOWING DOCUMENTS ARE ATTACHED FOR REVIEW**

| Item | Document No                                     | Revision | Title            | Number Sheets |
|------|-------------------------------------------------|----------|------------------|---------------|
| 1    | The batch plant approved before for AL NOBY Co. |          | AL FATAH batch - |               |
| 2    |                                                 |          | Plant.           |               |
| 3    |                                                 |          |                  |               |
| 6    |                                                 |          |                  |               |
| 7    |                                                 |          |                  |               |
| 8    |                                                 |          |                  |               |
| 9    |                                                 |          |                  |               |

|                           |                                                                                                                     |             |                    |                    |
|---------------------------|---------------------------------------------------------------------------------------------------------------------|-------------|--------------------|--------------------|
| <b>Designer RECEIPT</b>   | <b>Name</b>                                                                                                         | <b>Sign</b> | <b>Designation</b> | <b>Date</b>        |
|                           | m-negm                                                                                                              | [Signature] |                    |                    |
| <b>Designer Reference</b> |                                                                                                                     |             |                    | <b>Revision</b>    |
| <b>Designer Comments:</b> |                                                                                                                     |             |                    |                    |
|                           |                                                                                                                     |             |                    |                    |
| <b>Designer Status</b>    | <input type="checkbox"/> Approved <input type="checkbox"/> Approved with Comments <input type="checkbox"/> Rejected |             |                    |                    |
| <b>Designer REPLY</b>     | <b>Name</b>                                                                                                         | <b>Sign</b> | <b>Date</b>        | <b>Designation</b> |
|                           |                                                                                                                     |             |                    |                    |

- Note:**
- Response from the Designer is not mandatory for every submission, but may be necessary for previously approved design related subjects
  - Response to Contractor's Submission by the Employers Representative (ER) shall be by Letter and Review and Comment Sheet (RCS) with any comments attached and the status of approval
  - Receipt of Submission via EDMS will not be signed by ER

شركة انشاء للمقاولات العامة  
أيمن محمد محمود رضوان وشركه  
Submission of Documents (1)

[Signature]