# حديد الوطنية watania steel







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### **ABOUT US**

Watania Steel is a state-of-the-art steel plant that incorporates innovative technology, best-in-class quality control and maximum efficiency in delivering high quality reinforced steel bars that are at the foundation of the Kingdom of Saudi Arabia's construction sector.

Established in 2008 with the objective of producing rebar that meet the ever-growing demand of the Kingdom, Watania Steel is a quality focused manufacturing company that produces 450,000 tons of reinforcing steel bars and billets annually from its steel mill located in Riyadh, Saudi Arabia.

#### **VISION:**

Watania Steel strives to be a best-in class steel manufacturer that provides customers with first-rate reinforced steel bars. Watania Steel is committed to the highest standards of quality control and safety.

#### MISSION:

- Attain quality at the heart of everything we manufacture.
- Maintain the highest standards across our production process.
- Create long term partnerships with each of our customers.
- Help develop the next generation of Saudi Arabian business leaders.



## مننحن

تُعد شركة "حديد الوطنية" للصلب من أحدث المصانع التي تجمع ما بين التكنولوجيا المبتكرة، أفضل مراقبة للجودة، وأقصى قدر من الكفاءة في تصنيع القضبان الفولاذية المقوّاة، والتي تشكل أساس قطاع البناء في المملكة العربية السعودية.

تأسست شركة "حديد الوطنية" عام ٢٠٠٨ بهدف إنتاج قضبان حديد تسليح عالية الجودة تلبي الطلب المتزايد على منتجات الحديد في قطاع البناء في المملكة العربية السعودية. تركّز شركة "حديد الوطنية" على الجودة بشكل أساسي وتُنتج ٤٥٠,٠٠٠ طن من قضبان حديد التسليح والبليت سنويًا من مصنعها للغولاذ الموجود في المدينة الصناعية بالرياض.

#### الرؤية:

تسعى شركة "حديد الوطنية" بجهد لتكون الشركة الرائدة في صناعة الحديد، وأن توفّر لعملائها قضبان فولاذية مقوّاه من الدرجة الأولى. تلتزم "حديد الوطنية" بأعلى معايير الجودة والسلامة.

#### المهمة:

- ضمان الجودة في صميم كل ما نصنعه.
- الحفاظ على أعلى المعايير في جميع عمليات الإنتاج الخاصة بنا.
- إنشاء شراكات طويلة الأمد مع كل من عملائنا.
  - المساعدة في تطوير الجيل القادم من قادة الأعمال السعوديين.



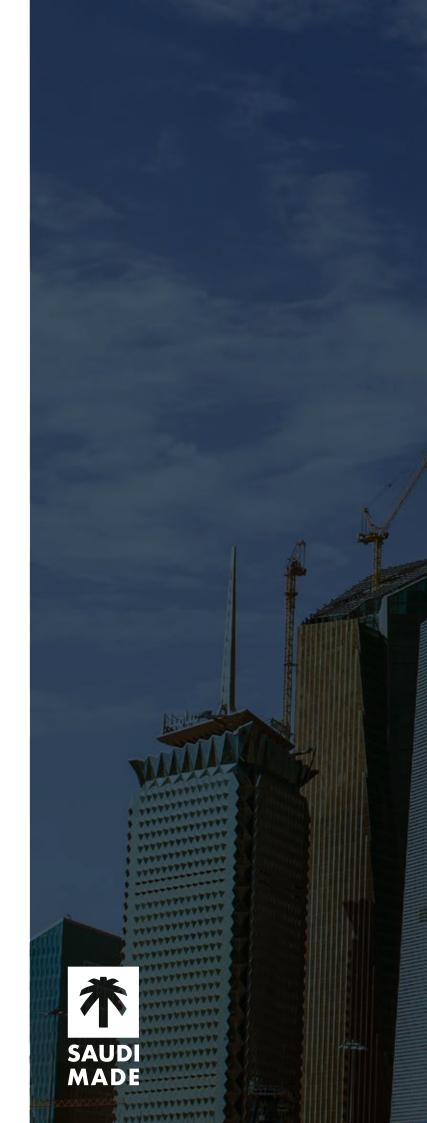
### **TOWARDS 2030**

VISION 2030 is a bold yet achievable blueprint for our ambitious nation; it is built upon our country's strengths and wide capabilities, and it guides our aspirations towards a new era with a vibrant society in which all citizens can fulfill their dreams, hopes, and ambitions to succeed in a thriving economy.

VISION 2030's National Industrial Program aims to transform the Kingdom into a leading industrial power, through its substantial investment in human resources, technology, and production capabilities. Watania Steel is an active private sector participant in helping the Kingdom achieve its vision.

رؤية ٢٠٣٠ هي مخطط جريء ولكنه قابل للتحقيق لأمتنا الطموحة؛ فأساسها هو مدى قوة وقُدرات بلادنا الواسعة، وهي ما يوجّه تطلعاتنا نحو عصر جديد بمجتمع ينبض بالحياة، حيث يتاح للمواطنين فرصة تحقيق أحلامهم وآمالهم وطموحاتهم للنجاح في ظل الاقتصاد المزدهر.

يهدف البرنامج الصناعي الوطني في رؤية ٢٠٠ نحو تحويل المملكة إلى قوة صناعية رائدة، من خلال استثماراتها الكبيرة في الموارد البشرية والتكنولوجيا وقدرات الإنتاج. تُعد شركة "حديد الوطنية" أحد المشاركين الفعّالين من القطاع الخاص في مساعدة المملكة على تحقيق رؤيتها.





### **PRODUCT OVERVIEW**

Watania Steel rebar is available in diameters of 10mm up to 32mm and billets in sizes of 100x100mm up to 130x130mm and are produced in line with Saudi and International standards.

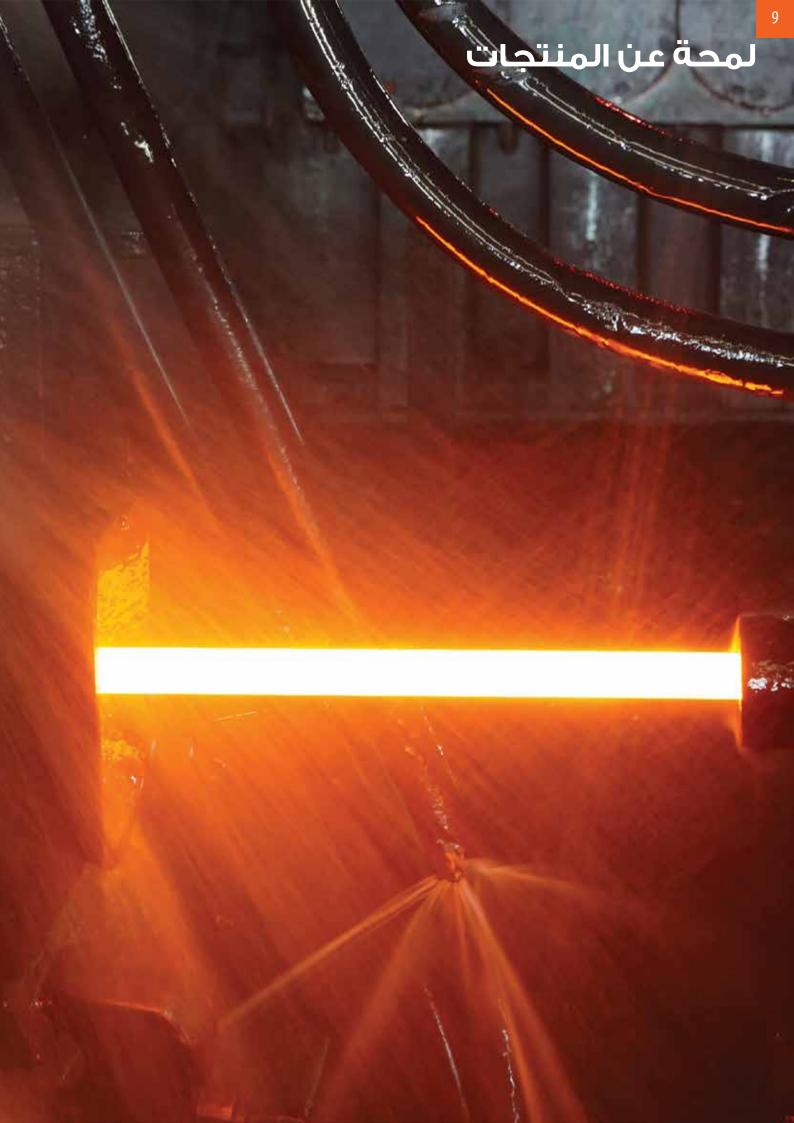
Watania Steel prides itself on the quality of its products and takes all the necessary steps to ensure customer satisfaction and exceed their expectations, through delivering the highest-guality rebar.

Watania Steel products are subject to extensive quality assurance measures, which are implemented throughout the manufacturing process.

يتوفر "حديد الوطنية" المُسلّح بأقطار تتراوح ما بين ١٠ مم وحتى ٣٢مم، ويتم إنتاج البليت بأحجام تتراوح ما بين ١٠٠×١٠٠مم و٣١×١٣٠مم، وتتماشى منتجاتنا مح المعاسر السعودية والدولية.

تفتخر "حديد الوطنية" بجودة منتجاتها، وتحرص على اتخاذ جميع الخطوات اللازمة لضمان رضى العملاء وتجاوز توقعاتهم، من خلال تقديم أجود أنواع الحديد المُسلِّح. كما تخضع منتجات "حديد الوطنية" لإجراءات ضمان الجودة الشاملة، والتي يتم تنفيذها خلال عملية التصنيع.







Watania Steel's scrap metal processing yard sorts and prepares metal scrap before it is transported to our factory for use in our melting furnaces. This process marks one of our very first steps to guarantee the quality of our finished products. Our experienced team operate various machines such as excavators, ballers, and scrap shears. Ballers compress scrap metal into easy-to-transport bundles, and scrap shears are used to reduce the size of bulky scrap.



تقوم ساحة معالجة الخردة المعدنية في شركة "حديد الوطنية" بغرز وإعداد الخردة المعدنية قبل نقلها واستخدامها في أفران الصهر الموجودة في مصنعنا. هذه العملية هي إحدى خطواتنا الأولى لضمان جودة منتجاتنا النهائية. يُدير فريقنا الخبير مُختلف آلات الهيدروليك مثل الحفّارات، و المكابس، ومقصات الخردة. تقوم المكابس الهيدروليكية بضغط الخردة المعدنية في حُزم سهلة النقل، وتستخدم مقصات الخردة لتقليل حجم الخردة الضخمة.

### **BILLETS**

In the company's steel mill, billets are semi-finished products that are processed into rebar. Watania Steel's continuous casting machine allows billets of different lengths to be produced according to the customers' preference and demand.

#### **BILLET RANGE:**

100 x 100mm, 130 x 130mm up to 12 meters in length.

في مصنى الحديد والصلب التابى للشركة، يتم تحويل القضبان الغولاذية النصف مصنعة "البيليت" إلى حديد مُسلِّح. يتِّبى مصنى "حديد الوطنية" طريقة صب مستمرة تسمى بإنتاج "البيليت" بمختلف الأطوال وبحسب الطلب.

#### مقاسات البيليت:

۱۰۰×۱۰۰مم و۱۳۰×۱۳۰مم بطول يصل إلى ١٢ متر.







## حديد التسليح

Watania Steel prides itself on being a leading producer of reinforcing steel bar (rebar) that is used extensively in the engineering and construction sectors. Watania Steel rebar is recognized for its high-quality characteristics. The advanced manufacturing processes which are utility and the rigorous implementation of quality control procedures contribute to the company's recognition and appreciation.

Watania Steel Rebar is manufactured according to the Saudi Standard SASO ASTM A615:2021 (Grade 60 & Grade 80), ISO 6935 2:2012- B500BWR, and British Standard BS 4449:2005 B500B+A3:2016 (B500B)

Other grades can be produced upon request.

تفخر"حديد الوطنية" بكونها شركة رائدة في إنتاج قضبان التسليح المُستخدمة على نطاق واسع في قطاعي الهندسة والبناء. يشتهر الحديد المُسلّح الذي تنتجه "حديد الوطنية" بمميزات عالية الجودة. عمليات التصنيع المتطورة في"حديد الوطنية" والتي تُنفذ بحرص وتخضع لإجراءات مراقبة الجودة هي ما يُكسبها التقدير والتميّز الذي تستحقه.

يتم تصنيع حديد تسليح الوطنية وفقًا للمعيار السعودي SASO ASTM A615:2021 (درجة ٦٠ و٨٠)، ISO 6935 2:2012-B500BWR والمعيار البريطاني BS 4449:2005 B500B+A3:2016 (B500B)

ويمكن إنتاج درجات أخرى حسب الطلب.

نطاق حديد التسليح (مم): REBAR RANGE (mm):

10mm | 12mm | 14mm | 16mm | 18mm | 20mm | 25mm | 32mm



### **REBAR GRADES**

In order to maintain Watania Steel's reputation in manufacturing high quality reinforced steel bars, a commitment to testing at all phases of production is maintained.

At the starting point, all scrap and raw materials are tested and inspected for integrity. Throughout the phases of the production process, Watania Steel complies with international standards and inspects the products at each phase.

In the final phase, Watania Steel turns to its quality control lab, on-site spectrometers and universal testing machines (UTMs) to ensure that the final product adheres to the highest standards. Only after completion of the testing, products are prepared for delivery.

من أجل الحفاظ على سمعة "حديد الوطنية" في تصنيع القضبان الفولاذية المقوّاة عالية الجودة، يتم الحفاظ على إجراء الاختبارات اللازمة خلال جميع مراحل الإنتاج.

عند نقطة البداية، يتم اختبار جميع الخردة والمواد الخام وتغتيشها للتأكد من سلامتها. تحرص"حديد الوطنية" على الاتزام بالمعايير الدولية، وتتفحص المنتجات في كل مراحل عملية الإنتاج.

في المرحلة النهائية، تتوجه "حديد الوطنية" إلى مختبر مراقبة الجودة، حيث يتم استعمال أجهزة قياس الطيف الضوئي وآلات الاختبار العالمية (UTMs) لضمان مطابقة المنتج النهائي لأعلى المعايير، ويصبح المنتج جاهزاً للتسليم فقط بعد انتهاء جميع مراحل الاختبار.

# درجات حديد التسليح

Chemical Composition (MAX)	SASO ASTM A615:2021 Gr. 60	SASO ASTM A615:2021 Gr. 80	ISO 6935 - 2:2012 B500BWR	BS 4449:2005 + A3 2016 B500B
Carbon %	-	-	0.22	0.24
Phosphorous (P%)	0.075	0.075	0.05	0.055
Sulphur (5%)	<u>-</u>	<b>-</b>	0.05	0.055
Nitrogen (N%)	<b>–</b>	<b>-</b>	0.014	0.012
Ceqv %	-	-	0.50	0.52
Mechanical & Physical Properties				
Yield Strength MPA (min) YS	420	550	500	500/650
Tensile Strength MPA (min) TS	550	690	-	<del>-</del>
TS/YS (min)	1.10	1.10	1.08	1.08
Elongation % (min)	7~9%	6~7 %	14	- -
Agt % (min)	<del>-</del>	-	5	5
Bent Angle	180	180	160-180	90
Re-Bend Angle	-	-	90/20	20
Application	RCC Construction	RCC Construction	RCC Construction	RCC Construction







# شهادات الجودة





الهيئة السعودية لامواضفات والمقاييس والجودة Saudi Standards, Metrology and Quality Org.

#### شهادة ترخيص باستعمال علامة الجودة License For Use of The Quality Mark

رقم الترقيص: 1436-License Number: 1-000001010215363-1436

according to the related normative references:

نشــهد الهيئـــة الســعودية للمواصفات والمقابيــس والجــودة بأنها رخصت SASO certifies that it has granted the right to use (SASO) quality mark للمنطئبات اللازمة وفق المراجع القياسية انخاصة بها:

The Establishment:	شركة مصنع حديد الوطنية المحدودة	المنشأة:
The Establishment's Address:	الرباض - حي المدينة الصناعية الجديدة	عنوان المنشآة:
Production Line Location:	الرباض - حي المدينة الصناعية الجديدة	موقع خط الإنتاج:
Normative References:	SASO ASTM A615/2021 اللائحة الفنية لمواد البناء — الجزء الأول	المراجع القياسية:
The Trade Mark:	حديد الوطنية	العلامة التجارية:
The Product:	اسياخ الصلب الكربوني	<b>المئتج:</b> (نفاميل المنتج في المندق)
Date of Granting:	2013/04/27	تاريخ المنح:
Date of Renwal:	2022/05/11	تاريخ التجديد:
Date of Expiry:	2025/05/10	تاريخ الانتهاء:

الأدارة PARK الغيثة العصودية للمواصفات والمقاييس والجودة Saudi Standards, Metrology and Quality Org.

نائب المحافظ للمطابقة والعمليات Vice-Governor, Operations and Conformity

> المهندس/ سعود بن راشد العسكر Eng. Saud R. AlAskar

للتأكد من ضحة هذه الشهادة يرجى زبارة موقعنا على الإنترنية، وأي كشط أو تغيير في هذه الشهادة بلغيها. To verify this certification visit SASO website, and any changes or modification on this certificate will affect its validity.





# **QUALITY CERTIFICATES**



المواطفات السعودية Saudi Standards

الهيئة السعودية للمواصفات والمقاييس والجودة Saudi Standards, Metrology and Quality Org.

قم الترخيص:

شركة مصدم حديد الوطئية المحدودة

1-000001010215363-1436

ertificate No.:

اسياح الصلب الكربوني 2025/05/10

حديد الوطنية

ملحق شهادة ترخيص باستعمال علامة الجودة

Appendix (License For Use of The Quality Mark)

العلامة التجارية:

اسهاخ الصلب الكربوني ذات النتوءات لتسليم الخرسانة من الدرجة . T (Grade 60) lain

اسياخ الصلب الكربوني ذات النتوءات لتمليع الخرسانة من الدرجة ٨٠٠ (Grade 80)

(32,25,20,18,16,14,12,10) (32,25,20 18,16,14,12,10)

المقاسات

تاريخ المنح/التجديد

2022/05/11 2022/05/11

Product Certification SOMEC 17085:2012 APC 0044 OCC ACCREDITATION CENTER GAC

Saudi Standards, Metrology god Quality Org. ألميك السعودية للمواصفات والمقاييس والجودة

ST. T.

الشمادا

Selasi

للتأخد من صحة هذه الشهادة برجى زياره موقعنا على الإنترنت، وأي خشط أو تغيير في هذه الشهادة بنغيها،

WWW.5850.gov.sa info@saso.gov.sa

OUS-F-10-98 bssuc # 5 Date 25/04/14a1 Rev # 2 Date 02/05/1442

To verify this certification visit SASO website, and any changes or modification on this certificate will affect its validity.

11477 | المملكة اليرية السعودية الرياض 11477 | 192009085 المرية السعودية المرية المري

SASO

# شهادات الجودة



### CERTIFICATE OF REGISTRATION

This is to certify that

#### WATANIA STEEL FACTORY CORP

New Al Kharj Road, Exit 13, New Industrial City, Riyadh 11464, Saudi Arabia.

has implemented a

### **Quality Management Systems**

which has been assessed for conformance with

ISO 9001:2015

and has been found to be in compliance.

Scope of Registration:

Manufacturing of Rebars and Billets.

Certificate No:

Issued:

Valid through 1st Surveillance:

Certified since:

Q-0358

14/01/2023

27/03/2017



This certificate is the property of The Certification International and remains valid until Jan. 2026,13, subject to timely and successful completion of surveillance audits as indicated above. To verify certification status: https://tciglobe.com/data/



Director :





### The Certification International

www.tciglobe.com . info@tciglobe.com 18436 Hawthorne Boulevard, Suite 108 Los Angeles, California I USA

Issue Date:07/07/2022, Rev.:00





### GOVERNMENTAL APPROVALS

بسم الله الرحمن الرحيم وزارة الشؤون البلدية والقروبة والإسكان --إدارة الانصالات لادارية بشؤون الإسكال المستر/ 4300177629/1 في 1443-4444 في 15-3-1443 المرطات/ بدون الموضوع: بشأن تأهيل شركة مصنع حديد الوطنية المحدودة

وزارة الشؤون البلدية والقروية والإسكان الادارة العامة لإيصال الخدمات

المكرمين/ شركة مصنع حديد الوطنية المحدودة

الفاكس: ٢٨١٩٥٢٢١٠

الهاتف: ١١٢٦٥٩٤٩٤.

ص.ب: ٣٥٥٨٨٥ الرياض: ١١٣٨٣

#### السلام عليكم ورحمة الله وبركاته

تهديكم الوكالة المساعدة لمشاريع الإسكان أطيب التحايا والتقدير ، وإشارة إلى خطابكم الوارد للوزارة برقم (٤٣٠٠١٧٧٦٢٩) وتاريخ ١٤٤٢/٠٣/١١ هـ بشأن طلب تجديد تأهيل شركتكم في مشاريع الوزارة، وبعد الاطلاع والدراسة من قبل المختصين بالوزارة لملف التأهيل المقدم من قبلكم نفيدكم أنه لا مانع من تأهيل شركتكم لتوريد حديد التسليح من الدرجة ٦٠ (Grade ٦٠) للأقطار التالية (من ٨ حتى ٢٢ملم) علامة تجارية (حديد الوطنية) لمدة عامين من تاريخه على أن يتم التقديم من خلال المقاولين والمطورين المنفذين لمشاريع الوزارة مع الالتزام بما يلي عند كل تقديم:

- شهادة الهيئة السعودية للمواصفات والمقاييس والجودة (SASO) لحديد التسليح المطلوب إعتماده سارية الصلاحية.
  - ٢. جميع شهادات الاختبارات والمنشأ لحديد التسليح المطلوب توريدة.
  - جميع الشروط والمواصفات وجداول الكميات والمخططات التعاقدية لكل مشروع.

علماً بأن هذا الاعتماد لا يلزم الوزارة بأي منتجات لا تتوافق مع متطلبات المشاريع التابعة لها

وتقبلوا تحياتي وتقديري،،،

وكيل الوزارة المساعد لمشاريع الإسكان

المهندس/ نايف بن توسف ايابطين

# الموافقات الحكومية



المحترمين

### السادة / شركة مصنع حديد الوطنية المحدودة

ص.ب: ١٦٢٠٢ الرياض: ١١٤٦٤ ت: ١١٢٥٩٤٩٠ فاكس: ١٦٢٠٦، ١١٠٠٠ السلام عليكم ورحمة الله وبركانه ... وبعد ...

نفيدكم بأنه بعد أن تمت دراسة الملف الخاص بشركتكم وزيارة مصنعكم
- يمكنكم تقديم منتجاتكم من حديد التسليح الأقطار (من ١٠مــم وحــتى
١٥مم)لقاولى مشاريع الوزارة حال كانت مطابقة لمواصفات المشاريع بالوزارة.

مع أطيب تحياتي وتقديري ....

مدير إدارة الإشراف على التنفيد

31640/16 1

المهندس / عبد المنعم بن محمد المحسن

### **GOVERNMENTAL APPROVALS**



سنسلة الإمداد - المركز الرئيسي رقم المعاملة: 1443/515/127980 تاريخه : 26/06/2022 المرفقات : بدون 

#### شهادة اعتماد المواد Material Approval Certificate

Type Approval	اعتماد جديد/ New Approval		Certificate Number/ الشهادة	
نوع الإعتماد	تجديد اعتماد/Renewal Approval	2022-20063-01		
(MM/DD/YY)التاريخ /Date	06/07/2022		2022 20000 01	
رقم المصنع /Manufacturer Number	20063		Valid From	
اسم المصنع /Manufacturer Name	ركة مصنع حديد الوطنية المحدودة Watania Steel Factory Co		June/2022	
البلد /Country	Saudi Arabia			
العنوان /Address	The new industrial city, Al-Kha	arj Road	Valid To	
الممثل المحلي/Local Representative	N/A		June /2026	
رقم الممثل المحلي# Local Rep. Vendor	N/A	N/A		

NWC certify that the manufacturer has completed all qualification requirement in the following category : يُن كَوَ الْمِدَامِ الْمِطْنِيةِ إِن الْمُصِلِّمِ فِي أَكُمَا ، حَمِيمِ مِنْطِلْبَاتِ الْتَلْمِيلِ فِي النِّي وَلَا الْفِيقِ النَّارِيِّةِ

Category	Product Series	Sizes	Description
القنه	رقم المنتج التسلسلي	المقاسات	الوصف
أسياخ الصلب		8-32 MM	سياخ الصلب الكربوني ذات النتوءات لتسليع الخرسانة (الدرجة 60)
		10-32 MM	سياخ الصناب الكربوني ذات النتوءات لتسليح الخرسانة (الدرجة 80)

Conditions:

. The aim of this certificate is to qualify the manufacturer to participate in new projects or maintenance projects.

 The prequalification process is subjected to assessment and review periodically.

· NWC has the right to assess the manufactory during the validation period or during production process.

 All equipment requires an approved third-party test before installation at the site to ensure meeting project specification.

 NWC does not bear any cost / expense related to manufacturing assessment, Product validation test or Factory Acceptance Test (FAT).

. This certificate is owned by NWC. NWC has the right to cancel this certificate if the qualified manufacturer does not comply with qualification terms, project specifications or if there are repeated product failures during the operation.

· For validity of the certificate, please visit the list of approved materials or Contact with the Vendor Relationship Department.

 In case that one of the quality and non-toxicity certificates has expired, this certificate will be considered invalid This certificate supersedes all previous certificates and approved sizes.

 الهدف من هذه الشهادة هو التأهيل المبدئي للدخول في المشاريع الجديدة أو مشاريع الصبانة

تخضع عماية التأهيل لانقيم والعراجعة بشكل دوري.

بحق للشركة نتيبم المصنع خلال فترة الشهادة أو أثناء عملية التصنيع.

• قبل التوريد يتعين اختبار المنتجات عن طريق طرف ثالث معتمد من شركة المياه الوطنية للتأكد من مطابقة المنتج لمواصفات المشروع.

• شركة المياه الوطنية لا تتحمل أي تكاليف لها علاقه بتأهيل المصنع مبدة اختبار المنتج أو الاختبارات أثنا التصنيع

• هذه الشهندة هي ملكيه لشركة المياه الوطنية ولها الحق في الغاء هذه الشهادة إذا لم تلتزم الشركة المصنعة بشروط النَّاهيل، مواصفات العشروع أو فشل المنتج المتكرر أثفاء التشغيل

> • للتحقَّق من صلاحية الشهادة الرجاء زياره قائمه المواد المعتمدين او التواصل مع اداره تأهيل الموريين

• في حال انتهاء صلاحية احدى شهادات الجودة وعدم السمية تعتبر هذه الشهادة غير صالحة

• هذه الشهادة تحل محل الشهادات والمقاسات المعتمدة سابقا

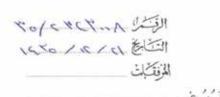
Supply Chain General Manager

مدير عام سلسة الامداد

المهندس/ خالد بن يحيى ال حمود Eng. Khalid Yahya Alhamoud

NWC-Material Approval-Form-04-V1

# الموافقات الحكومية





المناكب المنتبية المنتجة المنتجة المنتبية المنت

إدارة الدراسات والتأهيل

السادة / شركة مصنع حديد الوطنية المحترمين

(فاكس ١١٤٦١ مريب ١٦٢٠١ - الرياض الرمز البريدي ١٦٤١)

السلام عليكم ورحمة الله وبركاته ... وبعد

بالإشارة إلى خطاب سعادة مدير إدارة المشتريات رقم (٣٥/٢٣٢٣٠٠٨) وتاريخ ١٤٣٥/٠٨/٢٨ المتضمن طلبكم تأهيل مصنعكم واعتاد شركتكم ضمن القائمة في مشاريع الوزارة في مجال إنتاج أسياخ الصلب لتسليح الحرسانة بأقطار (١٠، ١٢، ١٤، ١٦، ١٦، ٢٠، ٢٥، ٢٥، ٢٥، ٢٥، ملدى الوزارة ، وبعد دراسة الملف المرفق بطلبكم والمراجعة الفنية له وتبين استيفائكم المستندات المطلوبة للتأهيل نفيدكم بأنه قد تم تأهيل شركتكم واعتادكم في المشاريع ضمن قائمة الشركات المؤهلة لمشاريع الوزارة في مجال إنتاج أسياخ الصلب لتسليح الحرسانة بالأقطار المبينة عاليه.

والله الموفق

En,i

مدير عام الإدارة العامة للمشاريع

مهندس/ سعد بن عايد الحازمي

تموذج ۲۰۰۳ - ۲۰ – ۱

طبعة ٢٨١١ هـ

### **GOVERNMENTAL APPROVALS**





الموضوع: بخصوص طلب تجديد اعتماد منتج شركة مصنع حديد الوطنية المحدودة

المحترمين

السادة شركة مصنع حديد الوطنية المحدودة (٤٤٦٩ عشبان - المدينة المناعية الثانية | الرياض ١٤٣٧ - ١٥٦٧)

السلام عليكم ورحمة الله وبركاته

إشارة إلى خطابكم رقم ٢٢/٢٢٢م وتاريخ ١٤٤٤/٢/١٩هـ والمورد للوزارة ١٥٧٠٠ وتاريخ ١٥٤٠٢/٢٣هـ المواد من أسياخ الصلب ١٤٤٤/٢/٢٣هـ بخصوص طلب تجديد اعتماد مصنعكم لإنتاج المواد من أسياخ الصلب الكربوني ذات النتوءات لتسليح الخرسانة من الدرجة (٦٠ Grade ) كما يلي :

			طار	الأة				نوع التسليح	
۳۲	го	۲.	IA	וו	18	ır	1.	حديد التسليح	

نفيدكم بقيام المختصين لدينا بمراجعة الملف المرفق والاختبارات التي تمت من قبلكم ومن ثم زيارة مصنعكم والاطلاع على أساليب ضبط الجودة لديكم وتفقد خطوط الإنتاج وأخذ عينات وإجراء بعض الاختبارات اللازمة لها وتبين مطابقة الأتي:

	16		بطار	الأة	:			نوع التسليح	
٣٢	го	r.	IA	וו	18	ır	1.	حديد التسليح	

لذا لا مانع من استخدام منتجاتكم المطابقة للمواصفات في مشاريع الوزارة ولمدة ثلاث سنوات من تاريخ خطابنا هذا، علماً أنه ستكون هناك زيارات دورية لضمان استمرار الحودة .

وتقبلوا أطيب تحياتي...

مدير عام الإدارة العامة للجودة والبيئة تم اعتماد الخطاب إلكترونياً العباس احمد الحازمي

# الموافقات الحكومية





المملكة العربية السعودية وزارة التربية والتعليم وكالة الوزارة للمباني الإدارة العامة للبحوث وضبط الجودة إدارة اعتماد اللواد

2

الموضوع : موافقة استخدام منتجات شركة مصنع حديد الوطنية

> المكرم / مدير شركة مصنع حديد الوطنية المحترم ص ب ١٦٢٠٢ - الرياض ١١٤٦٤ السلام عليكم ورحمة الله وبركاته

إشارةً إلى خطابكم رقم ٣٥١٥١٤٨٥ بتاريخ ٢١/ ١٤٣٥/ هـ بخصوص طلب استخدام منتجاتكم في مجال حديد التسليح لمشاريع الوزارة .

نفيدكم بأنه يمكنكم تقديم عيناتكم من خلال المقاولين المنفذين لمشاريع الوزارة بضمان عشر سنوات وفق صيغة الضمان المعتمد بالوزارة وتعتبر مسئوليتكم تضامنية مع المقاول المنفذ وسيتم إيقاف استخدام منتجاتكم تلقائياً حال وجود عيوب صناعة أو ملاحظات على المنتجات المذكورة أعلاه وسوف يتم اعادة تقيم المنتجات بعد عام من تاريخه .

والسلام عليكم ورحمة الله وبركاته

المهندس / يونس بن عمر البراك

## **GOVERNMENTAL APPROVALS**

4/\IUUHI	Aramco Approval Letter
Subject:	RE: Issuance of Approval Letter ( Vendor Id: 10061655)
From:	Otaibi, Mohammad A (mohammad.otaibi.91@aramco.com)
То:	waqar@wataniasteel.com; Vendorregistrationaramcocom@Exchange.Aramco.com.sa;
Cc:	Supplier0nboarding@aramco.com; SupplierHelpDesk@aramco.com;
Date:	Wednesday, December 27, 2017 11 21 AM

Classification: Saudi Aramco: Compan y General l'sc

, Dear

Weare pleased to inform you that your company WATANIA STEEL FACTORY CORP is included in the Saudi Aramco Supplier Information System, under Vendor no. 10061655, for the following products, provided your company continues to meet relevant Saudi Arabian and Saudi Aramco standards

9Com	Description
6000000615	BAR; REINFORCING; STEEL; ASTM A 615

Suppliers should apply for Saudi Aramco Supplier Portal access by forwarding a request to <a href="mailto:r.c.gistration@;aramco.com">r.ortal-r.c.gistration@;aramco.com</a>.

Thank you

MOHAMMED ALOTAIBI

Supplier Registration and Qualification Unit

Supplier Relations Manage111ent Division

INDUSTRIAL DEV & STRATEGIC SUPPLY DEPT

ASHARQIA CHAMBER, Second Floor, ARAMCO office.

Email: \10HAM!\IAD.OTAI B191 (u.ARAMCO.COM

Tel: +966 13 859 82 01

about:blank



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Project:	R	yach Townsh	p - Phase 01-	Northern I	Package	Ref No.:		TNHP-RV-I	RY1-AD1	RW001-R	GC-CIV	PQD 0002	-
Client:		OSHN				Rev. No.:				00			
Engineer:		Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, which i	r Project Man	Acres de la companya del la companya de la companya		Submittal		C	vil.	Date:		19-Jan-20	21
Contractor:	R	ezak Al Gedr	awy for Contra	acting		Purposel	Use:			Villas			_
				PREC	UALIFICA	TION DESCR	IPTION	N .			C	145	
Description	S	teel Bar				Company	Name:	Watania St	tso		المامه	CC	
Project Name	N	orthen Packay	e 1			Contract F	Ref	RW001		-	1	1000	
Attachments	SASO		☑Saudizatio ed Lab Tests f ☐Varrar		te Ochr			nber of Con Certificates		.etc.)	2		
-	M	ANUFACT	URER DE	TAILS				SUPP	LIER D	ETAILS	5		
Company Nar	ne v	ratania Steel	/			Company	Name:	Watania St	001	-	-		
Address:	K	SA				Address		KSA	Min	Crissil,	for S	-	
Needed C	d- T	EC 5 27				To .		- Loca	ny Available	-	Impact	rd .	-
Discipline/Trai Project Name		ackage 1 L	ocation VIII	25		Specificat BOO Ref.		1	27.0	100	71	32.0	_
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				-		-			44	1	- 1/2	H-11	
Name.	Fanty A			natur <b>é</b>	ENGINE	EER REVIEW	<b>Date</b>	19-Jan	-2021	an a	tole		
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Contractor: Client: Consultant: \_ ப்படிர் — நாற்று இ HAIF-FREYSSINET JV Qiddiya TECHNICAL DOCUMENTS Project Name: Package 3 - Upper Plateau Primary Road -Project Code: QI09043311 TBN-17 & TNS-05 Location: 00 Date: June 06, 2021 Document Title: Prequalification Documents Ref No: QI09043311-HFC-TEC-PQD-CIV-**Watania Steel** 00 -Z00-000 0 **9** Rev No: 01 Department: 

Architectural □ Mechanical Others □ Authority Type: ☑ Pre-Qualification ☐ Method Statement ☐ Material Submittal ☐ Sample ☐ Other Document Description: This is Prequalification Documents of Watania Steel. It is intended for use by the construction team of Haif-FSA JV executing the project titled Upper Plateau Roads - TBN-17 & TNS-05. It shall only be put in use after approval from Employer's Representative. Title Doc. Ref. No. QI09043311-HFC-TEC-PQD-CIV-00-Z00-0000 **9\_1** Prequalification Documents of Watania Steel Enclosure: Submitted By: Received By: Name: Mohammed Jishad Name: Signature: Signature: Date: June 06, 2021 Date: Below portion for Consultant Supervision use only □C- Revise & Resubmit □R- For information only □B- Approved as noted Comments: Below portion for Client use only Comments: Signed by: Signature: Date:

MAR No: DG-DSQ-316-0000-SSA-MAT-CE-000041

Revision: 01

Date: 08 June 2022

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	1.0.2			
•	Material Approval R	equest		
Employer:	Diriyah Gate Development Authority			
Contractor:	Salini Saudi Arabia			
Project:	DSQ Package 2 – Super Basement			
Work Package:	DD-2020-249 / DSQ 316			
Construction Supervisor:	AECOM Arabia			
Type of Inspection:	Partial	Complete		
Spec   BOQ Ref:	032000 Bill 2-Sec C PQQ-DG-DSQ-316-0000-SSA-PQQ-PR-00002	6(00)		
Material Sample Ref:				
Item	Description	Manufacturer	Supplier	Area of Usage
	Description Reinforcement	Manufacturer  Watania Steel	Supplier  Watania Steel	Area of Usage
Note: Material s contract drawing Enclosures:		<b>₽</b> Dat	in the specification a Sheet / Catalog ers (Specify)	Full Package of Material
0.1.29.41				Document
Submitted by: PACKA	AGE SUB-CONTRACTOR		MAIN CONTRACT	OR
QA/QC Engi	neer Project Manager Materia	a Financial Control of the Control o	ON S	Technical Manager
Stamp: Sa	llini Saudi Arabia (Submitted)	Stamp: C	onstruction Supe	rvisor (Received)
Raffaello Bizz Contractor's	zarro Representative			
Signature:	C.R. 1010461955	Signature:		

MAR No: DG-DSQ-316-0000-SSA-MAT-CE-000041

Revision: 01

Date: 08 June 2022

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#### Part 2 A - Review Comments

Review Comme	ents:			
Please refe	er to comments in the	CRS attached in Su	ipplementary files	
		Materials in accordance	e with contract documents	☐ YES ☐ NO
		Test	required	☐ YES ☐ NO
Construction 5	Supervisor Review & Emplo	oyer (for visual and aesti	hetics):	
Role	Engineer   Architect	Discipline Lead	Discipline Package PM	Technical Manager
Name & Signature				
Date				
OPTIONAL	Additional Comments and   or	Observations: (refer to the a	ttached OCS, if any)	☐ YES ☐ NO
Part 2 B -	- Quality Assurar	nce Clearance	9	The same of the same
QAIQC	Dist		Signature	
A.) Design & Build:			ALEXANDER SOL	10,000
1. This Rev	riew has been enabled against COMF or of its obligations with respect to the	PLIANCE with the Contract Docum	ments and I or the noted Design by Con	ntractor without relieving the
B.J The APPROVAL	I NOTED Status is subject to the t	following conditions:		
<ol><li>Contract</li></ol>	al of Warranty compliance statements for to fully comply with the manufactur	er's requirements, recommendat	ployer's satisfaction. ions, instruction, etc.	
Installation     Full com	l of physical samples by the Engineer on MOCK-UP approval by the Engine pliance with all local codes, regulation	er and Employer (as necessary).		
6. Aesthetic	cs remain compliant with the Aestheti	c Vision.		
Part 3 – A	pproval			
A Approved	I B. Approved with Com	ments C. Revise ar	nd Resubmit D. Rejecte	ed E. For Information
For Design &	Build:			
A Noted	☐ B. Noted with Commer	nts C. Revise and	Resubmit	ed
- 10910	D. Hoted With Comme	its 1 0. Newse and	rivesubiliti   D. Nejeca	ed P C. For information
Stamp: Cor	struction Supervisor (Sub	mitted) S	stamp: Salini Saudi Arabia	(Received)
(Section)				
Afficant S				
Name:	Bernard Grace		Name: Raffaello Bizzar	
Role:	Resident Engineer		Name: Raffaello Bizzar Role: Contractor's Re	
Signature:	1 50	1/06/2022	Signature:	Page Appolition (Table)

General Provisions: Review comments and approval will not relieve the contractor from its obligations to perform the work in accordance with the contract documents, relevant specifications and local authority regulation requirements.

 Doc No:
 DG-DSQ-314-0000-NSM-MAT-CE-000074

 Revision:
 00

 Date:
 26 June 2022

 Page:
 1 of 2



### (MAR) Material Approval Request

### Part 1 – Submit / Receive / Distribute

Employer:	Diriyah Gate Developme	nt Author	ity		
Contractor:	Nesma and Partners Cor	nt. Co. Ltd	d.		
Project:	314 – DSQ Tunnels and	Gyratory	(Under WRR)		
Work Package:	DG1/DG/DSQ/314-DSQ	Tunnels a	and Gyratory (Under	WRR)	
Construction Supervisor:	AECOM				
Type of Inspection:	<b>✓</b> Partial			Complete	
Spec   BOQ Ref:					
Material Sample Ref:					
Type of Discipline:  Civil / Structural Arc	hitectural 🔲 Mechanica	I 🗆 E	lectrical 🔲 Infra	Others	
	Descrip	tion of M	aterial Submittal		
Item	Description		Manufacturer	Supplier	Area of Usage
	roval Request for WATA L REINFORCEMENT	ANIA	WATANIA STEEL	WATANIA STEEL	All Area
<b>Note</b> : Material submitted is in contract drawings.	accordance with the appro	ved man	ufacturer outlined in t	he specifications, and	in accordance with the
Enclosures:	l Sample		<b>✓</b> Data S	heet	
<b>✓</b> Compli	ance Statement / Specifica	itions	✓ Others	(Specify) Pre	vious Approval
Submitted by:					
PACKAGE SUB-CO	NTRACTOR		MAII	N CONTRACTOR	
QA/QC Engineer	Project Manager	Material	4.00	VQC Manager	Project Manager
• •	,				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Stamp: Nesma and Par	tners (Submitted)				
Total Pale	)				
Signature:	)				

 Doc No:
 DG-DSQ-314-0000-NSM-MAT-CE-000074

 Revision:
 00

 Date:
 26 June 2022

 Page:
 2 of 2



#### Part 2 A - Review Comments

Review Comm	ents:			
	r to comments on the	attached suppleme	ntary file CRS sheet.	
			·	
		Materials in accordance	ce with contract documents	YES NO
		Test	required	☐ YES ☐ NO
Construction S	Supervisor Review & Empl	oyer (for visual and aest	hetics):	
Role	Engineer   Architect	Discipline Lead	Discipline Package PM	Technical Manager
Name & Signature		Waleed Mohammed	Samer Odeh	
Date		24.07.2022	24.07.2022	
OPTIONAL	Additional Comments and   o	r Observations: (refer to the a	ttached OCS, if any)	☐ YES ☐ NO
contracto  B.) The APPROVAL  1. Submitte 2. Contract 3. Approva. 4. Installatie 5. Full com	-	e D & B related responsibilities.  following conditions: s from the manufacturer to the En urer's requirements, recommendate and Employer (as necessary): eer and Employer (as necessary): nos and Authorities requirements.	tions, instruction, etc.	itractor without relieving the
	B. Approved with Corr	nments C. Revise a	nd Resubmit 🔲 D. Reject	ed E. For Information
ALCON				
Name: Role:	Samer Odeh PROJECT MANAGER			

General Provisions: Review comments and approval will not relieve the contractor from its obligations to perform the work in accordance with the contract documents, relevant specifications and local authority regulation requirements.

 Doc No:
 DG-DSQ-314-0000-NSM-PQQ-PR-000089

 Revision:
 00

 Date:
 04 June 2022

 Page:
 1 of 2



### (DRF) Document Review Form (PQQ)

#### Part 1 – Issue / Receive / Distribute

Employer: Diriyah Gate Development Authority

Contractor: 
NESMA & PARTNERS CONT. CO. LTD.

Project: 314-DSQ Tunnels and Gyratory (Under WRR)

Contract/ Work Package: 
Construction Supervisor: 
AECOM

Document Type	Document Reference
Pre-Qualification / Subcontractor	DG-DSQ-314-0000-NSM-PQQ-PR-000089(00)

Document Description	Document Description				
Title	Prequalification Submittal for M/S Al Watania Steel for Steel Reinforcement Rebar				
Package:	DD-2020-280				
Discipline:	CE-CIVIL				
Work Location:	DG1/DG/DSQ/314-DSQ Tunnels and Gyratory (Under WRR)				

### List of Attachments (If Any) Company Profile, Project Details, Zakat Certificate Gosi Certificate, Saudization Certificate, Chamber Certificate, Ministry of

Company Profile, Project Details, Zakat Certificate Gosi Certificate, Saudization Certificate, Chamber Certificate, Ministry of Commerce Certificate, ISO Certificate, Previous Approval Submittal

Issued By:	Contractor		
Name:	AYHAM BSHARA	Date:	04-06-2022
Role:	PROJECT MANAGER		
Signature & Stamp:	Service of the servic		

#### Part 2 – Review and Response

Review Comments (to be completed by the Construction Supervisor/ Consultant)

 Doc No:
 DG-DSQ-314-0000-NSM-PQQ-PR-000089

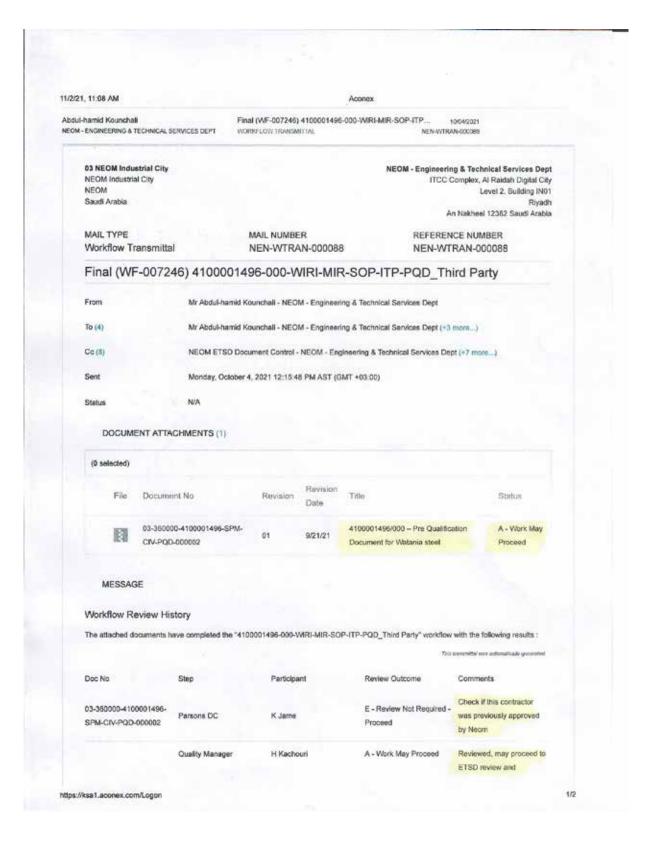
 Revision:
 00

 Date:
 04 June 2022

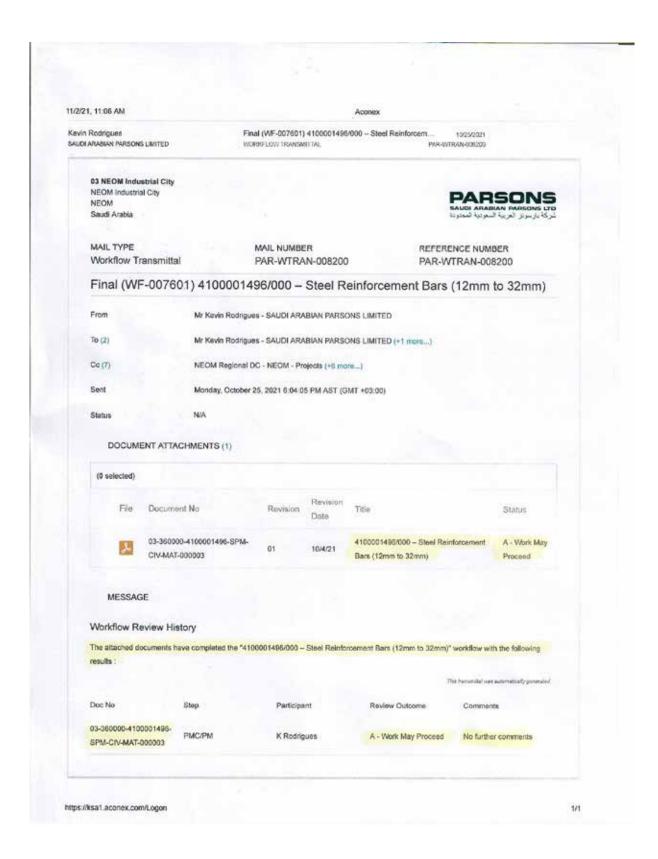
 Page:
 2 of 2



Please refer to co	mments on the attached supple	ementary file CRS sheet.	
Reviewed By: Consultat	nt / Construction Supervisor		
Name:		Date:	
Signature:			
Part 3 – Approv	al /		
A Approved	B. Approved with Comments	C. Revise and Resubmit	D. Rejected
Approved By: Cons	sultant / Construction Supervisor		
(100 g			
Name:	SAMER ODEH		
Role:	RESIDENT ENGINEER		
Signature:	8.		



11/2/21, 11:08 AM			Aconex		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			, , , , , , , , , , , , , , , , , , , ,	approval.	
	NEOM ETSD	A Kounchali	A - Work May Proceed		
Care of the					
	7.5				



#### Material Submittal Form

TRS-CN-FRM-0018



General Information			
Contractor	AFCC & AIC JV	Submittal No.	R01-H13C08-AAJ- MAT-CI-0002 Rev. 00
Contract No.	R01-H13C08	Date	
To the Engineer	neer Approved Subcontractor (as applicable)		
Material Information			
Material Description (One item only per Form)	Steel Reinforcement for Valve Cham	bers	
As per Specification	SEC: 33 1411 / D <b>I</b> V: 33 0000	Alternative	
Drawing Reference	R01-H13D02-WSP-XX-XX-DWG-PL- 00106	BOQ Ref. No.	
Specification Reference	SEC: 33 1411 / DIV: 33 0000	Standards, BS, DIN	
Manufacturar/Supplier			
Manufacturer/Supplier	Watania Steel Factory	Leadly Manyfestured	YES-KSA
Company Name	New Industrial City, New Al-Kharj Ro	Locally Manufactured	113-137
Address	New Industrial City, New Al-Kharj Ko		
Local Agent Company Name	Watania Charl Fastani	Other Details	
Company Name	Watania Steel Factory	Expected Arrival Date (on Site)	
Contractor's			
	Oueini <sub>ame</sub>	A Signature	20-Oct-22 Date
Design Consultant - Comr	ments		
Comments: WSP:Status:	Accepted with Comments		
Refer to attached subm	nittal review comment sheet for the stri	ct compliance of the com	ments.
A. Soria	ano		03/11/2022
	ame	Signature	Date
Engineer's - Comments			
Comments:			
N	ame	Signature	Date
Status Code			540
			1.0
Accepted	Accepted with Comments	∐ Re	evise and Resubmit
Rejected	Review not Required		











SUBMITTAL R	EVIEW COMMENTS				
Project Name:	Desert Rock Hotel #13 Red Sea Saudi Arabia		Employer:	Red Sea Development Co.	
Contractor:	AFCC & AIC JV		Design Architect:	Oppenheim Architecture	
Multi- Disciplinary Consultant:	WSP		Design Supervision Consultant	WSP	
Submittal Ref	R01-H13C08-AAJ- Rev MAT-CI-0023	0	Date of Review:	02 Novemb	per 2022
Description:	Steel Reinforcement for versions chamber	alve	Review Status:	A□ B <mark>□</mark>	C□ D□

Serial	Item/Part/Area	Comment/Instruction/Observation	Reviewer (Initials)
1.		Submit the proper pre-qualification document of the proposed steel reinforcement supplier M/S Watania Steel factory. Final Approval approval is subject to the pre-qualification approval of the proposed manufacturer/supplier M/S Watania Steel factory.	AS
2.		Material Steel reinforcement submittal to be used only for the valve chamber as per material description stated on subject of the material submittal	AS
3.		MIR to be submitted and to be approve before use of the material at site.	AS
4.		Mill certificate shall be submitted for every delivery and to be included in the MIR. Mill certificate must be compatible with traceability with the delivered material with clear identification of heat number.	AS
5.		Routine test shall be conducted in frequency in accordance with the project specification throughout the use during construction.	AS
6.		All Steel reinforcement to be delivered at site to confirm the below requirement as per specification (see below).  1. High tensile steel reinforcement bars shall conform to AASHTO M31 (ASTM AS15) Grade 60 (with carbon content not exceeding 0.3%) or to BS 4449 with carbon percentage that does not exceed 0.3%.	AS
7.		Proper quality control procedure (storage Handling, material testing ect. Al.) as per project specification shall be followed	AS
lame: Sorian	: Alberto o	Signature:	Date: 02.11.2022

Codes: A: No Objection B: No Objection subject to comments C: Objection, Revise & Resubmit D: For Information









#### **MATERIAL SUBMITTAL FORM**

P-GEN-INW- -0001								
-0001								
Freyssinet-Haif JV (FHJ)								
Discipline ☐ Civil ☐ Architecture ☐ Mechanical ☐ Electrical ☐ Information Technology ☐ Landscape ☐ Others								
oly) VIEW								
000								
(SA								
08-Feb-2022								
as Noted								
Required								









#### **MATERIAL SUBMITTAL FORM**

Client Comments (If Required)									
Approved by KSPF	☐ Final Approved☐ Rejected	Name:			Signature:			Date:	
Received by Contractor	,			Signatu	re		Date		

	Material Su	ubmittal	
da			Date: 11-Nov-20
a	**	Material	Submittal No.: S19091-DIB-NASJV-PK1-MAT-S-0119-
Project no. & Title:	S19091-DESIGN AND EXECUTION OF KING SALMA	N AIR BASE	
222000	FACILITIES IN DYRAB (CENTRAL SECTOR)  Construction Supervision		Contractor:
Cilent:	Consultant:		
	dar dar		JOINT VENTURE
	n (one item only on this form) :		
STEEL REINFORGEM	ENT BAR, UNCOATED (BLACK) - WATANIA STEEL		
Area of application	VARIOUS		
Drawing ref. :		B.O.Q. tem. no.:	
Specification Ref.	03200	Standards:	
	nical Merature marked to identify relevant description, current Test C	ertificates, samples a	s appropriate.
2. Manufacturer / sup	William Committee to the second secon		
Company Name :	WATANIA STEEL FACTORY CORP		
Address : Local agent	RIYADH, K.S.A.		
3. Delivery :			
Country of origin :	K.S.A.		
Availability	Coversess		
Delivery :	Ex-works/ total duration	1	t I
n-macove-kip	Estimated time of arrival on site [	i	
Program	Date material required on site [	1	
	Latest date for order	1	
We cartify that the above	submitted items have been reviewed in detail and are correct and in	strict conformity with	the contract drawings and specifications except as otherwise
stated; also that the mater timely	rial sources indicated above have been reviewed in detail and that t	hey will supply the sub	
			A Adw vov
Submitted by	NASJV - Engineer	Signature:	W Year
	( le		
4. Construction Supe	ryisor's Representative comments:	MO	Abgrowed
4. Construction Supe	ervisor's Representative comments:	M.Q	Approved Approved as noted
	ervisor's Representative comments:	M.Q	Approved as noted
		M.Q	Approved as noted
		M.Q	Approved as noted Revise and resubmit Rejected Sample required
		M.Q	Approved as noted Revise and resubmit Rejected Sample required Tests required
		M.Q	Approved as noted Revise and resubmit Rejected Sample required Tests required Additional information required
Refer to the atta		M.Q	Approved as noted Revise and resubmit Rejected Sample required Tests required
Refer to the att:	ached comments on 01(A4) sheet.	M.Q	Approved as noted Revise and resubmit Rejected Sample required Tests required Additional information required
Refer to the att:  Name: Signature:	Reched comments on 01(A4) sheet.		Approved as noted  Revise and resultmit  Rejected Sample required Tests required Additional information required Manufacturer's guarantee required
Refer to the att:  Name: Signature:	Reched comments on 01(A4) sheet.		Approved as noted  Revise and resubmit  Rejected Sample required Tests required Additional information required Manufacturer's guarantee required  Approved
Refer to the att:  Name: Signature:	Reched comments on 01(A4) sheet.		Approved as noted  Revise and resubmit  Rejected Sample required Tests required Additional information required Manufacturer's guarantee required  Approved Approved Approved
Refer to the att:  Name: Signature:	Reched comments on 01(A4) sheet.		Approved as noted  Revise and resubmit  Rejected Sample required Tests required Additional information required Manufacturer's guarantee required  Approved Approved Revise and resubmit
Refer to the atta	Reched comments on 01(A4) sheet.		Approved as noted  Revise and resubmit  Rejected Sample required Tests required Additional information required Manufacturer's guarantee required  Approved Approved Approved

Submittal: S19091-DIB-NASJV-PK1-MAT-S-0119-00

Material: STEEL REINFORCEMENT BAR, UNCOATED (BLACK). "WATANIA STEEL - RIYADH"

Specification: 03200.2.01.B Code: *Approved as Noted* 

#### Comment:

- 1. As per provided documents, the reinforcing steel bars non-wieldable Grade 60 ASTM A 615/A615M-20 manufactured by **WATANIA** steel factory is approved as noted, unless otherwise indicated on Drawings.
- 2. Periodic/frequency of quality tests of reinforcing steel bars shall be established.
- 3. Prior to use the subject steel bars in permanent work at site ,samples of all sizes of steel bars for concrete reinforcement shall be collected for full quality test as per the ASTM 615/615M-20 requirements.
- 4. The manufacturer to submit samples of each size of steel bars.
- 5. The steel bars shall be properly separated and tagged with the manufacturer's heat or test identification number.
- 6. The manufacturer shall identity the symbols of their marking system on steel bars.

NUMBER: Y02-03-00-06/01  DATE OF ISSUE: 01/06/1435 . ALAYU		شركة العيونـــــي للإم CONTRACTING CO.
Contract Title : Link TAMA By-pass Via King Salman Street (Phase2)		
Contract No. : PIC R - 7517		
SUBMITTAL	Date:	07-Jan-19
[ ] Shop Drawings [ ] Material [x] Others   Signature	Contractor Submittal No. :	AICC-R-7517-OTH-095
[ ] Record [ ] Deviation [ ] Others	<u>}</u>	
ATTENTION: Name: ENGR.William Kieran Hoyne Title: Sr.Resident Construction Manager	EWR NO.:	
[x] First Submittal [] Re-Submittal	Previous	
Subject Reference Spec. : 3200 . 324 0	CSG Log #:	
Item Description / Subject: Pre- Qualification Watania steel for epoxy and plain steel bar (10mm,12mm,14mm,16mm,18mm,20mm and 32mm)	Reinforcement su	upplier
List of Attachments:  1-Pre-Qualification file 2-Soft copy , Zakat,VAT,chamber, Saudization and gosl certific	cate	
"Having checked this submittal, we certify the Contract Documents in all respects, except of Checked by QA/QC Manager:  Date:06-1-2019		
Royal Commission Review / Construction Support Gro		
ARA TO THE ME	SE [	] Other
Projects Contro [ ] Cost [ ] Quantity Survey [  Royal Commission / MSC Review and Approval State	Estimate [	] Schedule
[ ] (A) Work May proceed [ ] (B) Work May proceed - Minor Comment [ ] (C) Work May proceed Except as Noted [ ] (D) Disapproved [ ] (D) Disapproved [ ] Submittal incomplete [ ] Acceptable with no comments [ ] Acceptable with minor comments [ ] Unacceptable / Rejected [ ] Unacceptable / Rejected [ ] Other Comments: See below  NOTE: Shop Drawing review require "Released for Construction"  sticker before proceeding.  [ ] Re-submittal required [ ] Submittal inconsisten  ATTACHMENTS [ ] Engineering Review [ ] EWR List of Submittal submitted materials. [ ] Contractor Drawing s submitted drawing(s)	ired. Incorporate con. Incorporate comme. Complete & re-subit with contract.  Comments Sheet(s).  Ed Materials indicatiful ubmittal sheet(s) indicatiful.	ents. Don't proceed. mit again. ng the Review status
CSG Log #: 8 SUPERVISOR, CS	G:	Date:
Receipt Date: 09 ) 0019		
RC/MSC CONSTRUCTION	tour day	
The review and approval is provided conditionally that the submittal is in compliance with the con- construed as an approval of a change in Contract scope or price. A prompt response shall be made by		
considered not to be within the terms of the Contract.		
ADDITIONAL COMMENTS:		
Project File No.:	1.	
EWR No.: CSG: For RC/MSC :	ENCD WIT	liam Kieran Hoyne
Ref. Number		SRCM
CC: Chrono Date :	11	1/2019.
01		



NUMBER:	Y02-03-00-06/03	شركة العيونسي للإسستثمار والمقاولات
DATE OF ISSUE:	01/06/1435	Al-Ayuni AL AYUNI INVESTMENT & CONTRACTING CO

#### **EWR LIST OF SUBMITTED MATERIALS**

(NOT APPLICABLE TO DRAWINGS)

CONTRACT	NO.	PIC R	- 7517

CONTR	ACT NO. <u>PIC R - 7517</u>	EWR NO	0
ITEM NO.	DESCRIPTION	REFERENCE TO CONTRACT DOCUMENT	REVIEW STATUS
1-	Steel Supplier Watania steel company Ltd (Watania Steel), Prequalification documents.	R.C Specification -03210 _ o32-0	
2-	Steel Supplier Attieh steel company) Epoxy coated &Plain steel bar Dia 10mm,12mm,14mm,16mm,18mm,20m m,25mm,&32mm	R.C Specification - 03210 — をみしゅ	
3	Soft Copy	RC Specification -03210 -3วล	

#### **REVIEW STATUS**

- A WORK MAY PROCEED NO COMMENTS
- B WORK MAY PROCEED MINOR COMMENTS
- C WORK MAY PROCEED EXCEPT AS NOTED (Resubmittal Required)
- D DISAPPROVED WORK MAY NOT PROCEED (Resubmittal Required)



#### **ROYAL SAUDI AIRFORCE**

SAUDI BRITISH DEFENCE CO-OPERATION PROGRAMME

HAWK T165 FACILITIES MODERNISATION

KING FAISAL AIR BASE (KFAB), TABUK

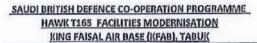
MATERIAL SUBMITTAL RETURN FORM

Submission No: KFAB-T165-B2-C-005B	Revision: 00 Date: 11-Mar-18
Subject: Reinforcement Steel (Wa	atania Steel)
	VK-T165 Facilities),TABUK
RSAF HQ - EWD Signature :	SBDCP Signature :
RSAF Officer	SBDCP Officer
	Head of Engineering
Project Officer	Head of Engineering
Sign:Date:Date:Date:	Sign: Date: 15   4   2018
	all I
SAF/SBDCP Comments	
APPROVED ON THE FOLLOWING CONDITION	t:
	BARISTOTEMS  Russequi  1 8 APR ZUIU
	Facilities Magaziment

ESEC Stamp



#### **ROYAL SAUDI AIRFORCE**





#### SUBMISSION FOR APPROVAL

The attached submission has been made by the Contractor.

Submission No.: KFAB-T165-B2-C-005B

Subjects

Reinforcement Steel (Watania Steel)

Location:

King Falsal Air Base (HAWK-T165 Facilities), TABUK

Manufacturer: Watania Steel

Supplier: Elite Trading Alliance Co.

Address :K.S.A

Address: Rlyadh Contact Person:

Rabah Abushgler + 966 50 565 769398

Tel. No.: +966 11 265 9494

Tel. No.: +966 11 277 1100

Fex. No.: +966 11 265 9486

Fax. No.: +966 11 277 1126

I propose that the above submission should be approved subject to comments below:

Comments: "This Reinforcement Steel is Complying to American Standard ASTM A615 GR60"

Signed by: El Self Engineering Contracting Co.

Technical Department.

Signature:

11/3/2018 Date:

El Self Engineering Contracting Co, Technical Department will not give approval to the construction counded attment until BAE Systems have approved the Contractor's submission by signing below

The approval will not relieve the contarctor from his responsibilities under the contract.

Approved by BAE Systems:

BAE SYSTEMS

MILE GUEDEN, ENGINEERING MANAGER

Stamp: 11

SUBMITTALS

Signature:

Date:

Stampt



#### ROYAL SAUDI AIRFORCE

## SAUDI BRITISH DEFENCE CO-OPERATION PROGRAMME HAWK T165 FACILITIES MODERNISATION KING FAISAL AIR BASE (KFAB), TABUK



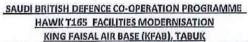
#### **EVALUATION REPORT**

Submission No.: KFAB-T165-B2-C-005B	Revision: 00
SPECIFICATION	N/A - This Reinforcement Steel is Complying to American Standard ASTM A615 GR60
DRAWING	No
SCHEDULES	Revision: 00
COUNTRY OF ORIGIN	K.S.A
LOCAL MANUFACTURER	Yes
LOCAL SUPPLIER	Elite Trading Alliance Co.
LOCAL AGENT	Elite Trading Alliance Co.
PROVISIONAL TEST(IF REQUIRED	N/A
AVAILABILITY OF SPARES	N/A
MAINTENANCE SUPPORT	N/R
ANY OTHER RELEVANT INFORMATION	NONE
DEVIATION FROM SPECIFICATIONS	NO DEVIATION
RECOMMENDATIONS	As per American Standard ASTM A615 GR60
CATALOGUE	Available





#### **ROYAL SAUDI AIRFORCE**





SUBMISSION FORM					
Submission No:	KFAB-T165-B2-C-005B	Rev. O	Date Raised:	11-Mar-18	
Subject: Reinforce	ement Steel (Watania S	teel)			
BAESY	STEMS	Engineer Name	A HOPWOOD		
1. Approved  Trapproved subject  Revised and result  Approval not requ	mit				
OMMENTS:					
7e 3					
			*		
pproved by BAES	ystems:	- Maria de Caración de Caració			
Ignature: 20/0:	3/2018	Stamp:			





#### **ROYAL SAUDI AIRFORCE**

## SAUDI BRITISH DEFENCE CO-OPERATION PROGRAMME HAWK T165 FACILITIES MODERNISATION KING FAISAL AIR BASE (KFAB), TABUK



#### MATERIAL DESCRIPTION

ITEM DESCRIPTION	SUBMISSION NUMBER:	KFAB-T165-B2-C-005B		
Polyfornous and Shool (Michael Shool)	Final Approval Required	Date neede	d on site	
Reinforcement Steel (Watania Steel)	30-Mar-2018	5-Ap	r-2018	
REFERENCE:	SOURCE	YES	NO	
	IN KINGDOM MANUFACTURER			
SECTION: N/A	OVESEAS SUPPLIED		✓	
	LOCAL SUPPLY AGENT			
LOCATION: KING FAISAL AIR BASE (KFAB), TABUK PROJECT: HAWK T165 FACILITIES MODERNISATION	ENCLOSURES	YES	NO	
	SAMPLES		✓	
	TECHNICAL LITERATURES		1	
	DRAWINGS		<b>√</b>	
NAME OF MANUFACTURER	COPPURE	Vere		
Watania Steel	SPECIFICATIONS	YES	NO	
Tel No. +966 11 265 9494	COMPLIES TO SPECIFICATIONS	N/A		
Fax No. +966 11 265 9486	TECHNICAL LITERATURES		✓	
Contact Person: N/A	DRAWINGS		_	

PREVIOUS APPR	OVALS:	
	1. Previously Approved Support Documentation Attached	
	2. Previously Approved Without Support Documentation	
1	3. Not Previously Approved	
	4. Alternative Supply from Previously Approved Source (with reason why)	
- marien in	tual);	

ESEC Stamp TTALS



#### ROYAL SAUDI AIRFORCE

SAUDI BRITISH DEFENCE CO-OPERATION PROGRAMME
HAWK T165 FACILITIES MODERNISATION
KING FAISAL AIR BASE (KFAB), TABUK



Project

: HAWK T165 FACILITIES MODERNISATION

Contractor

: El Seif Engineering Contracting Co.

Subject

: Reinforcement Steel (Watania Steel)

**Submission Number** 

: KFAB-T165-B2-C-005B

Section Number	Description
1	Product Catalogue
2	Mill Test Certificate
3	Test Report
4	Project Reference List
5	ISO Certificate
6	SASO Certificate
7	Legal Document
8	Company Profile



المملك جامعة ا يوارة الإدارة		3	-1.	1	-	-	1-	7	**	-X4	- 0 1	المرازي مر	2
المملكة العربية السعودية جامعة الملك سعود وكالة الجاسة للمشاريع	رقم التقديم	نوع المستدات	نوع الأميال	100	عديد المده	ナボハ	quy Jis ludge	Jun 6	ملاحظات المتاول:	ملاحظات لحنة الإغراف:	کمیانو المذکور ملاون دفته یم الا	They was To	هام : إن اعتباد المواد أعلا
سوئج (١)	V	رسومات	أعيال موقع		حديد الوطنية للتسليح	Dry 16/ 22 Wills	Montas	جديدالا قفاق للشكريح		in ho	لعرب الملات مفايق لموا الاختيار ل الفيزيارية	Les willanty	هـــام : إن اعتــاد المواد اعلاء . لا يعنمي المفاول من المترامه بشروط وينود العفد .
رطاب قا	تقليم جليد	كتالوج	ممساري	الـ تندات رقم الخطط				1	The state of the s		المامنيان	か	إمه بشروط وينود ا
(طلب تقديم واعتماد)	jales tal.ya	ا عنبان	إنثائي	عددالسخ	*	3	3	r	3	100	Land Jan	<u> </u>	atr.
0-18		بيان اختبار	المرياء	さんない						يونيم الهندس الشرف: الجائيرا المناسبة ( ال المناسبة المن	7	J. 17	
3.4	رقم التقديم السابق			مكان التركيب					تعهد نحن بصحة الباتات الله ورسوفات المقد. م	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5		
3:4/136	_	حابات	بكائكا	مكان التركيب مرجع الرسومان					ر اتات المدينة أعام المفقد. مالم يذكر م المقاول	رمزر التيجة:	رال مصلا من اللاحظات	(د) چر منطر	الاسل: لدارة الشاريع مورة: القساول مورة: مكتب الإشراف بالموقع
		أغرى	3	رمز السابعة					د - دیان المواد الم محرفاً لذلك .	10	(١) يعتمد مي الملاحظات.	(د) غير معتصد	لمريع تهراف باللوقع
سان شرکه بهرای لاعالان	تاريخ الطلب	11/1/ 0/3)		No Charles	4,117	الوكيل للميل	خزن	324	3		77	)	
4/4/4/2	Li		K	93	1				STATE OF THE PARTY				

### alfanar...



Postal Address: P.O. Box 86544 Riyadh 11632, Saudi Arabia. Tel. (966) 920006111 EXT: 4301/4333

Fax (966) 11-275 8844 E-mail: <u>Tareq.Dassan@alfanar.com</u>

To: M/s WATANIA STEEL
Attn.: Mr. Mohammad Al-Sabbah
E mail: waqar@wataniasteel.com

Tel: 050-3891971

Our Ref: <u>QUAL-0187</u> Date: 17-02-2016

SUBJECT: QUALIFICATION

#### Dear Sir,

Based on our assessment, we are pleased to inform that M/s Watania Steel is now qualified as vendor of Alfanar Construction for the supply of Reinforcement Steel (12mm, 16mm, 18mm, 20mm & 32mm).

Qualification means that M/s Watania Steel is eligible to receive requests for quotations and orders for the designated item but this approval should not be considered as a commitment by Alfanar Construction to send Request for Quotation or procure item from M/s Watania Steel.

Thanks for your interest in being a supplier to Alfanar Construction.

Best regards,

Tareq Dassan 18016
Executive Manager, Purchasing

Cc: QA Manager

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Description	Submittal of Pred	qualification	n Documents	s for Steel Rei	inforceme	nt - Wat	aniasteel	(Supplier	,
; وصف الستند	Manufacturer) fo	r KAP2D2 P	roject.					/a-bbii-i	***
To/J	NKY			Subr	mittal No /N	رقم الثقد	KAP2D2	PQ-ST-GE-	01569 Rev.0
خابة / Attention	Mr. G. Yavuz - NK	Y PD		Date & 1	رائرفت / Time	التزيخ و	17/01/20		
From / ix	Mr. M. Shaylos - C	ontractor's S	SPM	Return I	لاستلام/ Date	: تاريخ ١			
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	Client:	Ministry of Interior - MOI	Project Name:	KAP2D2
	Engineer:	NKY Architects & Engineers - NKY	Reference Submittal / Transmittal:	KAP2D2-PQ-ST-GE-01569- Rev.0
	Contractor:	J&P SAUDI ARABIA	Document Subject:	Submittal of Prequalificatio documents for Steel Reinforcement-Watania steel
	Project Title:	Custodian of Two Holy Mosques the King Abdullah Bin Abdulaziz's Project-Phase	Received Date:	
		···	Returned Date:	2/2/2017
		COMMENT SHEET		
No.	Ref.	c	omments	
1	GENERAL	"WATANIA STEEL" prequalification approved reinforcement, contractor to review the comm	ments and comply according	igly.
2	Technical submittal	Technical submittal for the proposed material material & mill certificate. Test certificates fro chemical tests as per specification and code be submitted.	om third party (independen	t lab) for physical and
3	Specification Compliance sheet	Specification Compliance sheet with project	specification shall be adde	d (Arabic/English)
4	List of Project & Company organisational chart	completed project and ongoing project in St company organisational chart.	eel structure in KSA shall be	e provided along with the
5	Certificates & Financial statement	Valid saudization certificate shall be added. C		
6	Quality & safety	Contractor to ensure the quality for the prodi including method statement shall be added.	uct & Structural Safety Syst	em application methods
	Issued By:			
	Name, Surname	<u>Title</u>	Signature	Date
	Muqthar Ahmed	Sr.Structural Engineer	Cheny wife	2/Feb/2016

B. 6

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Project Name:	100	for Special Security For		Y	Submitta	44.	Rev.
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fo:	PROJECT DIRECTOR - (	PROGER HEAD OFFICE		Date:		29-Oct-2014	
		Document / N	laterial S	Submittal			
Niscipilne:	CIVII	Arch Struc	Mech	Elec			
ubmitted For:	Approval	Information	Rev	-	Site Use		
ttachmants:							
Drawings/sketc	Sample Procedures	Catalogue / Manuals Spare Parts List	_	npliance Cert. culation Sheat		cturer Data & Specific Specify (LIST OF APP	
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Deformed Steel	Reinforcement Bars					Reference	800#
						Included in Conc Division	rete Works,
		Supp	iler Dala				
lame:	Watania Steel						
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Attachments:	Sample	Cata	logue / Manuals		Compliance Cert		Manufac	turer Data & Specific	cation
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To:	PROJECT DIRECTOR - PROGER HEAD OFFICE Date		29-Oct-2014	
	Document / Material Subn			
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Name:	Supplier Data Watania Steel			
Address:	P.O. Box 16202 Riyadh 11464, Kingdom of Saudi Arabia			
ruuruss.	Manufacturer Data			
Name:	Watania Steel			
Address:	P.O. Box 16202 Riyadh 11464, Kingdom of Saudi Arabia			
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Manufacturer Data  Name: Watania Steel  Address: P.O. Box 16202 Riyadh 11484, Kingdom of Saudi Arabia  Samples 10mm, 12mm, 14mm, 16mm, 16mm, 20mm, 22mm & 25mm  Samples Description Deformed Steel Reinforcement Barx  Remarka: (8)Nos. Samples mounted on (1)-Unit Sample Board  To be used for:  MB, TE, UB, MG, GR  Engr. Farhan H. Al-Shammani Project Director  For Contractor (Name / Title / Signature / Sigmp)  Engineer's Rep, to enter Action Codes; Remarks and return to Contractor.			Kingdom of Sa	udi Arabla		130	
Project Name: Sport Training Center Building Submittal No. Rav. Project No.: 121  To: PROJECT DIRECTOR - PROGER HEAD OFFICE Date: 29-Del-2014  Document / Material Submittal  Discipline: Ctivil Arch Struc Mach Elec  Submitted For: Approval Information Review Site Use  Nitachments: Sample Catalogue / Manuels Compliance Cerl. Manufacturer Data & Specification  Drawings/skelich Procedures Spare Parts List Calculation Sheet Others/Specify (LIST OF APPROVAL)  Item Description No. submittals 1  Detormed Steel Reinforcement Bare Submittal No. 1 of 1  Document; Material Description Reference SQL #  Inform, 12mm, 14mm, 16mm, 18mm, 20mm, 22mm & 25mm 3200  Deformed Steel Rainforcement Bars Reference SQL #  Information Review Site Use  Submittal No. 1 of 1  Reference SQL #  Information Review Site Use  Submittal Steel Reinforcement Bars  Submittal Steel Reinforcement Bars  Reference SQL #  Information Review Site Reinforcement Bars  Reference SQL #  Information Review Site Reinforcement Bars  Emples Description Deformation Review Site Reinforcement Bars  Information Review Site Reinforcement Bars  Emples Description Description Reference SQL #  Information Review Site Reinforcement Bars  Information Review Si		Security i	A.	A ///		ect of the series of the serie	-
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Project No.: 121 To: PROJECT DIRECTOR - PROGER HEAD OFFICE Date: 29-Oct-2014    Date: 29-Oct-2014							-
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Discipline: Civil Arch Struc Mech Elec  Submitted For: Approval Information Raview Site Use  Attachments: Sample Catalogue / Meruels Compliance Cert. Manufacturer Data & Specification  Drawings/sketch Procedures Spara Parts List Calculation Sheet Others/Specity (LIST OF APPROVAL)  Item Description No. Submittel 1  Deformed Steel Reinforcement Bare Submittel No. 1 of 1  Deformed Steel Reinforcement Bare Submittel No. 1 of 1  Item Description Reference Space #  Document; Material Description Reference Space #  1 10mm, 12mm, 14mm, 16mm, 20mm, 22mm & 25mm 3200  Deformed Steel Reinforcement Bars Reference SOQ #  Included in Concrete Works Division 03  Supplier Data  Name: Watania Steel  Address: P.O. Box 18202 Riyadh 11464, Kingdom of Saudi Arabia  Manufacturer Data  Name: Watania Steel  Address: P.O. Box 18202 Riyadh 11464, Kingdom of Saudi Arabia  Bamples Description Deformed Sieel Reinforcement Bars  Remarks: (8)Nos. Samples mounted on (1)-Unit Sample Board To be used for; MB, TE, UB, MG, GR  For Contract of (Name / Pile, Signature / Si	To: P	ROJECT DIRECTOR - F	ROGER HEAD OFFICE	Date:		29-Oct-2014	100
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For Engineer's rep.	Time: 2
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Correspondence No:

KAP5-CRCC-00-000-00-PRQ-0000-AR-931-REV01

25-Jul-17 Date:

Subject:

STEEL REINFORCEMENT BARS

Received Date: 2-Aug-17

Co	ode	Title	Action	Coord	Info	RECE	PIENTS	Location	Remarks	Response Required
KAP5 Mana	gement		•							YES/NO
PM&PSM	PM&PSM	Project Manager				Yang Wei	杨伟	202		
PCD	HPCD	Project Control Manager			V	Liu Shangfeng	柳尚锋	207	Cost&Admin	
DD	CED	Chief Engineer of Design				Tang Xinquan	唐新权	203		
KAP5 Depar	tment			,						
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DD	TE	Technical Engineer				Ennaia Ibrahim	Ennala Ibrahim	207		
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E Area	ACM	Area "E" Construction Manager			-	Bassem Sabbagh	Bassem Sabbagh	203		
P&S	AME	Procurement Assistant Manager	V			Abdullah Tarsha	Abdullah Tarsha			
P&S	AME	Procurement Assistant Manager			~	Shi Yongsheng	石永生	105		
SQE	PCD	Senior QS Engineer				Saif Ejaz	Saif Ejaz	207	Variation	
SQE	PCD	Senior QS Engineer				Ahmad Raza	Ahmad Raza	207		
FIN	FM	Manager of Finance Dept.			V	Dou zetan	窦泽谭	206		
HR	MHRD	Manager of Human Resource Dept.				Li Yuanhang	李远航	204		
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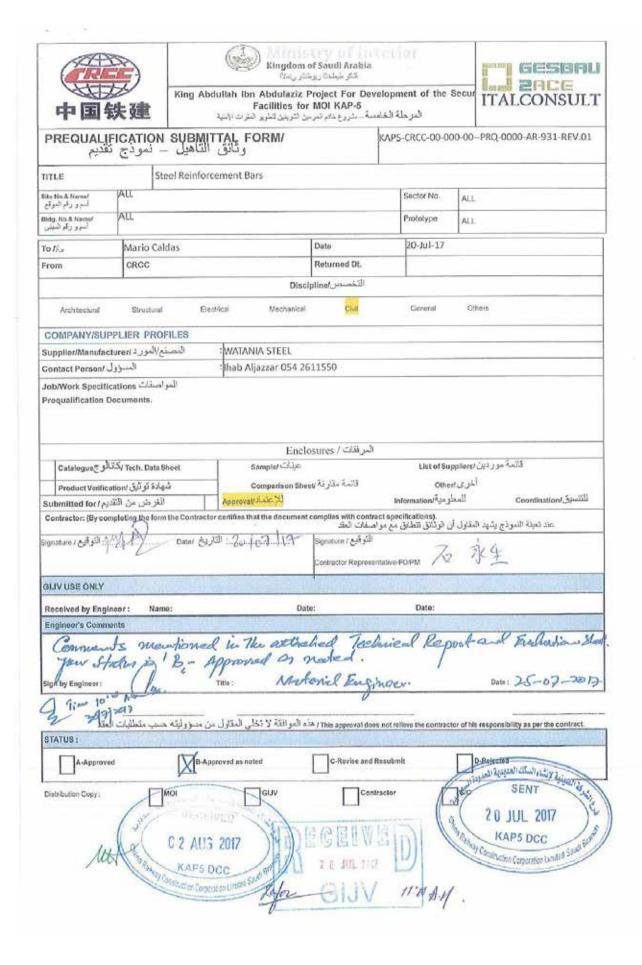
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### KAP5 - DOCUMENT TRANSMITTAL

### **Technical Report**



Construction | Agency for Security Planning and Development

Project Name	Custodian Of The Two Holy Mosques	King Abdullah Bin Abdu	I-Aziz Project (KAP5)
Submittal Reference No.	KAP5-CRCC-00-000-00-PRQ-0000-AR-931-	REV-01	
Subject	REQUEST FOR APPROVAL AS SUPPLIER/SUB-CO	INTRACTOR WATANIA STEEL,	STEEL REINFORCEMENT BARS.
GIJV Documenter. No.	11858-GIJV-KAP5-CRCC-00-00-00-250717-TR- TM	Date 25-07-2017	Pages: 1
Main Contractor	CRCC	Issued by:	M.ARIF KHAN
A - Approved	X B- Approved w/	-Revise Resubmit	D - Rejected

CONTRACTOR NAME:

MANUFACTURER/SUPPLIER:

FOR THE WORKS OF:

CRCC

WATANIA STEEL

STEEL REINFORCEMENT BARS

#### COMMENTS:

CONTRACTOR submitted following information in the response of our technical report no 11271:

- 1- Approval letter (industrial trade license) from ministry of commerce & industries.
- 2- Industrial permit from ministry of commerce & industries kingdom of Saudi Arabia.
- 3- Registration certificate from chamber of commerce & saudisation certificate.
- 4- Certification ISO 9001:2008 & SASO Quality Mark.
- 5- Social insurance and quality policy & testing procedure, calculations & results.
- 6- Watania steel was established in 2008 as a one of the few integrated steel producers in the Kingdom of Saudi Arabia.
- 7- Approval letters from different ministries, departments, and submittal forms.
- 8- Technical information regarding products.
- 9- Test reports and results and chemical composition.
- 10- List of approved vendors and test reports of steel bar samples.
- 11- Photographs.

#### REQUIRED information as per under:

- 1-Financial information with documentary proof required.
- 2-Certificate of country origin of products required.
- 3-Technical specification to be submitted.
- 4-Warranty certificate according to project requirement to be submitted.
- 5-All missing information, which is mentioned in evaluation sheet, also required.
- 6-Conditional approval only for pre-qualification for the supplies you should submit separate request with all technical details and required test results.

Marco Taticchi Head of Civil

M.Arif Khan Material Engineer

JV Gesbau - ItalconsultP.O. Box 998 Riyadh 11421, Shahd Trading Center, King Fahad Road, SecondFloor, Tel: (011) 2180010 - 2160020

# Prequalification Evaluation Sheet SUBCONTRACTOR APPROVAL REQUEST

	sessment Criteria as sub contractor/supplier	NAME OF CONTRACTOR
KAP5	-CRCC-00-000-00-PRQ-0000-AR-931-REV-01	WATANIA STEEL
(a)	Registration / Documentation Provided	YES-PROVIDED
(b)	Years of operating in Saudi Arabia	FROM 2008
(c)	Staffing No of staff with professional qualification	NOT MENTIONED
(d)	Financial information (e.g., Documentary proof from banks)	NOT MENTIONED
(e)	Relevant job experience: Years of Experience for supply / Manufacturing	09 YEARS
(1)	Quality Assurance Certification (e.g.,: ISO 9001)[1]	YES-PROVIDED
(g)	Reference documents: - Professional Indemnity Insurance	NOT MENTIONED
	Fallow national/international specification standred	YES
	Staff Registration in Saudi Arabia Council of Engineers	NOT MENTIONED
(h)	Previous completed projects/supplies information/Quality test reports/approval letters.	YES-PROVIDED
(i)	Equipment Availability	N/A
(i)	REMARKS	ABOVE MENTIONED MISSING INFORMATION REQUIRED
	APPROVED AS NOTED	В

<sup>\*</sup> For Conditional Approval, refer to the report with regards to the Conditions.

Ref.: SBH-ARC-ESEC-150657-2016-LET Date: 17 Nov. 2016 / H1438/02/17

CC: Colonel/ Hamoud Abdulrahman Al-Hamoud

To: EL SEIF ENGINEERING CONTRACTING CO. Ltd

Attention: Mr. Muhamad El Masri / Vice President Project: South Border Housing Project - Jazan (A)

Approved material submittals as submitted by the contractors

Dear Mr. El Masri

With reference to the above subject and to MOI-PD letter no. (1881) dated 16/2/1438H corresponding to 16/11/2016, please be advised that the following material submittals and subcontractor approval requests as indicated in the table below are approved by MOI:

صورة مع التحية لعناية العقيد/ حمود بن عبد الرحمن الحمود الموقر السادة/ شركة السيف مهندسون مقاولون

عناية مدير مشروع المجمعات السكنية بجازان (أ) المشروع: المجمعات السكنية بالمناطق الحدودية الجنوبية الموضوع: المواد المقدمة من قبلكم والتي تم اعتمادها

السلام عليكم ورحمة الله ويركاته،،

بالإشارة إلى الموضوع أعلاه وإلى خطاب سعادة المشرف على مشروع أمن الحدود الجنوبية رقم (١٨٨١) بتاريخ ١٤٣٨/٢/١٦ هـ الموافق ١٦/١١/١٦ م، نفيدكم بأنه تم اعتماد المواد التالية من قبل السادة وزارة الداخلية وهي كما موضحة في الجدول أدناه على النحو التالي:-

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10/11/2016	JA-MR-C-AO-002.6	Reinforcement Steel Bar – Watania Steel	2

Please find attached herewith the above submittals. This is for your information.

Best Regards, **Project Director** 

Eng. Hosam Anwar Abdou

وتجدون طيّه التقديمات المذكورة في الجدول أعلاه.

هذا للعلم والإحاطة.

وتقبلوا فانق تحياتنا، مدير المشروع

م/ حسام الدين أنور عبده

 التقديمات المذكورة في الجدول أعلاه و عددها (٢) تقديم. نسخة: لأركين / ملف المشروع /NK MO

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### Southern Border Housing Project



## Reinforcement Steel Bar – Watania Steel JA-MR-C-AO-002.6 Rev. 00

In response to ESEC's submittal Ref. no. JA-MR-C-AO-002.6 Rev. 00, received on 6<sup>th</sup> Nov. 2016 pertaining to Reinforcement Steel Bar — Watania Steel, please be advised that the submittal has been reviewed and given the Status "B" Approved as Noted, with the following comments:

- The Reinforcement Steel Bars shall be tested by an independent third party laboratory witnessed by the
  consultant's representative to ensure conformity with ASTM A615M and as per specifications of contract
  documents (Sec.03300 "Cast-in-place Concrete")."
- 2. High Tensile Rebar shall be accurately bent, cut or formed to the dimensions and configuration shown on Drawings and within the tolerances specified in ACI 315. Reinforcement shall be bent cold using pin sizes in accordance with ACI 318.
- 3. Compliance statement, safety data sheet, warranty and HSE certificate shall be submitted.
- 4. ESEC shall ensure that the manufacturer provides commitment regarding consistency of quality and supply during the entire duration of the project.
- 5. ESEC shall submit Materials Inspection Request (MIR) upon delivery of the material which will be subject to verification and approval by the Engineer prior to use at site.
- 6. ESEC shall provide an appropriate area at site to store the material and relevant products under suitable conditions, as per manufacturer's instructions and standards.
- Certificates / Licenses from relevant authorities should be completed (i.e., GOSI and Zakat) and valid throughout the duration of the project. All Certificates / Licenses that are not currently valid (i.e., ISO) have to be immediately renewed.

### Note:

As per MOI Letter Ref. 6527 dated 14/07/1437 H, Contractors have to adhere to the following:

- A. Contractors should submit three (03) Suppliers and Manufactures per each material or equipment, as per Contract Particular Conditions Clause# (07) and Clause # (30) Item [30.2].
- B. Local Manufacturers have the priority and shall prevall, as per Contract General Conditions Clause # (12) Item [12.2.1] and Ministerial Decree no. 41559 dated 6/4/1435 H.
- C. Contractor not to differently provide installation of material and equipment in the same site.

Disclaimer: This conditional approval will be subjected to verification for compliance with the above comments and all relevant terms and conditions of the contract. This code 'B' approval does not relieve the contractor of ANY obligation under the contract and is independent of any future review and submitted approved design.

This is for your information and relevant action.

Committee members:

SR / LK, MD, JR, RS, LP

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#### **Southern Border Housing Project**



## <u>Sanitary Sewerages – JDFF Ductile Fittings Factory (Material Submittal)</u> JA-MR-M-ST-013.4

In response to ESEC Submittal Ref# JA-MR-M-ST-013.4 received on 03<sup>rd</sup> of November 2016 pertaining to the Sanitary Sewerages – JDFF Ductile Fittings Factory for site S8, S10 and S11 please be advised that the submittal has been reviewed and given the Status "B" Approved As Noted with the following comments:

- 1. The renewed GOSI letter is required as letter in material submittal is outdated.
- 2. ESEC shall provide a schedule for delivery to site to insure that the time required for producing and delivering the material to site meets the approved project schedule without causing delay.
- 3. The material samples should be provided for each material and type of work as per project specification.
- 4. ESEC is responsible for ensuring that all provided information comply with relevant agencies regulation and codes.

### Note:

As per MOI Letter Ref. 6527 dated 14/07/1437 H, Contractors have to adhere to the following:

- A. Contractors should submit three (03) Suppliers and Manufactures per each material or equipment, as per Contract Particular Conditions Clause# (07) and Clause # (30) Item [30.2].
- B. Local Manufacturers have the priority and shall prevail, as per Contract General Conditions Clause # (12) Items [12.2.1] and Ministerial Decree no. 41559 dated 6/4/1435 H.
- C. Each Material should be supplied to each site by One Manufacturer/Supplier only.

<u>Disclaimer</u>: This conditional approval will be subjected to verification for compliance with the above comments and all relevant terms and conditions of the contract. This code 'B' approval does not relieve the contractor of <u>ANY</u> obligation under the contract and is independent of any future review and submitted approved design

This is for your information and relevant action.

FS/ JR, LK, RS, MD, LP

Committee members:

09/11/2016

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### **Southern Border Housing Project**



## <u>NJ-MR-C-MN-001.1 Rev. 00</u>

In response to ESEC's submittal Ref. no. NJ-MR-C-MN-001.1 Rev. 00, received on 6<sup>th</sup> Nov. 2016 pertaining to Reinforcement Steel Bar – Watania Steel, please be advised that the submittal has been reviewed and given the Status "B" Approved as Noted, with the following comments:

- The Reinforcement Steel Bars shall be tested by an independent third party laboratory witnessed by the consultant's representative to ensure conformity with ASTM A615M and as per specifications of contract documents (Sec.03300 "Cast-in-place Concrete").
- High Tensile Rebar shall be accurately bent, cut or formed to the dimensions and configuration shown on Drawings and within the tolerances specified in ACI 315. Reinforcement shall be bent cold using pin sizes in accordance with ACI 318.
- 3. Compliance statement, safety data sheet, warranty and HSE certificate shall be submitted.
- ESEC shall ensure that the manufacturer provides commitment regarding consistency of quality and supply during the entire duration of the project.
- ESEC shall submit Materials Inspection Request (MIR) upon delivery of the material which will be subject to verification and approval by the Engineer prior to use at site.
- ESEC shall provide an appropriate area at site to store the material and relevant products under suitable conditions, as per manufacturer's instructions and standards.
- Certificates / Licenses from relevant authorities should be completed (i.e., GOSI and Zakat) and valid throughout the duration of the project. All Certificates / Licenses that are not currently valid (i.e., ISO) have to be immediately renewed.

#### Note:

As per MOI Letter Ref. 6527 dated 14/07/1437 H, Contractors have to adhere to the following:

- A. Contractors should submit three (03) Suppliers and Manufactures per each material or equipment, as per Contract Particular Conditions Clause# (07) and Clause # (30) Item [30.2].
- B. Local Manufacturers have the priority and shall prevail, as per Contract General Conditions Clause # (12) Item [12.2.1] and Ministerial Decree no. 41559 dated 6/4/1435 H.
- C. Contractor not to differently provide installation of material and equipment in the same site.

Disclaimer: This conditional approval will be subjected to verification for compliance with the above comments and all relevant terms and conditions of the contract. This code 'B' approval does not relieve the contractor of ANY obligation under the contract and is independent of any future review and submitted approved design.

This is for your information and relevant action.

Committee members:

SR / LK, MD, JR, RS, LP

10/11/2016

Page 1 of 1



SN	DESCRIPTION	Sr.#	SUPPLIER/MANUFACTURER	REMARKS
		1	SAUDI READYMIX	
		ii .	AL-FALWA	
- 1		iii	AL-BUSTAN	
- 1		iv	ALEESCO	
- 1		v	Robou Zahran	
	7	ví	ETE- Ready Mix Concrete	
1	READY MIX CONCRETE	vii	UNIBETON READY MIX	CONCRETE
	1	viii	Al-Mingash-(Al-Qawayiah)	
		ix	Al-Hamed-( Al-Qawayiah)	
		×	Al-Fahad Trading-(W.Dawaseer, Sulali)	
		xi	Al-Hobail & Son's Company-(	
		×	Manwa Trding and Contracting-(AL- Kharj)	V
		1	AL-HOTY STRANGER LTD CO.	
	INDEPENDENT TECTINE	н	RGF-RIYADH GEO TECHNIQUE & FOUNDATION CO.	
2	INDEPENDENT TESTING  LABORATORY	III	RIYADH GEOTECH.(RGF)	MATERIAL TESTING SERVICES
	(3RD PARTY INSPECTION)	iv	GTC	
		v	FUGRO SUHAIMI	
		vi	AL-MUHANDIS NIZAR KURDI	
		1	MASA ESTABLISHMENT	
3	SOIL TERMITE CONTROL	li.	AL-MAJAL TERMINIX, SERVICE MASTER	SOIL TERMITE CONTROL
		III	TRAP PEST CONTROL	- World Company of the Company
		- F.	SAUDI STEEL REINFORCEMENT LTD.	
- 1		ii.	BRC INDUSTRIAL SAUDI LIMITED	
		iii	AL-RASHID BUILDING & MATERIALS	
		iv	AL FOZAN	REINFORCEMENT STEEL /
4	STEEL BAR REINFORCEMENT	٧	AL-RAJI STEEL	CUT&BEND
- 1		vi	AL ITTEFAQ STEEL PRODUCTS CO.	
		Vii	WATANIA STEEL	
		vili	SABIC	
		i.	BAMAROUF	REINFORCEMENT TIES
		ii	SAUDI STEEL REINFORCEMENT LTD.	339100 20100000000000000000000000000000000
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5	STEEL WIRE MESH	iv	SAUDI STEEL REINFORCEMENT LTD.	ROOF STRUCTURAL SCREED
		v	ATCO	
		I E	MODERN BUILDING MATERIAL	FOR KEEPING THE CLEAR
6	REBAR SPACERS ( PVC / CONCRETE)	ii	AZAM TRADING & CONTRACTING	COVER BETWEEN STEEL
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7	STEEL GRATING	- 1	SAUDI GRATING	
0.5		11	Al-Sharek	

Engr. Eid Al-Otaibi-Div. Manager, Civil and Electromechanical:

1-1



### AL-IMAM MUHAMMAD IBN SAUD ISLAMIC UNIVERSITY

Contract: The Supporting Academic Area and Car Parking Contractor: Mohamed & Mohamed Al-Rashid Company (MARCO)

### SITE NOTE

To.: The Project Manager

Ref:

SAA/G-012/17

01/06/1438 H Date:

28/02/2017 G

SUBJECT: Steel Bars for Concrete Reinforcement-Approved

With reference to your letter ref MTR/SAAC/S-025/17 dated on 05.02.1438 H (30.01.2017 G), please find hereby enclosed the transmittals in original of the subject material with our action.

SL	Materials	Transmittal	Manufacturer/ Supplier	Action
1	Steel Bars for Concrete Reinforcement	ST-0025-2017	WATANIA STEEL PO BOX 16202 RIYADH 11464	A

Approved

AC = Approved with comments

Dis-approved

Best Regards

Ignacio Gefaell Camacho Technical Manager Encl: As stated above

Eng. Bas; ms . OMAIL OTHMAN

/ ? 3 cc: uso

رقم المعاملة: ۸۹۰۸ ناریحها: ۲۱/۰۰/۰ ارسالها: ۴۲/۰۰/۳۵. المرفقات: بدون رمر الحهة: ۳۳

بسمأت أترفض ألزجيم

وزارة التعليم جامعة الإمام محمد ب

جامعة الإمام محمد بن سعود الإسلامية مثن المستشر المشرف العام على الشؤون الفلية اللجلة الداسعة لمستبعة المشروعات الرئيسة المار

مشروع مبنى المفطقة التطيعية المساندة ومواقف السيارات متحدة الادوار بالمدينة الجامعية

SAA

المقاول : شركة مصد مصد الراشد

بياتات مادة MATERIAL TRANSMITTALS 8908 - 1438 SUBJECT: Steel bars for Concrete Reinforcmeent طرأره (القضيان الصلب للتسليح الخرسانه - سابق الخيرات) المرجع - تاريخ الجلسة التاريخ VARIATION LETTER إجراء اللجنة رقم خطاب تهيسا DATE REFERENCE - MEETING COMMITTE ACTION TYPSA LTR 23 /05 /1438 11 / 05 /1438 SSAA/G-006/17 APPROVED SEND TO TYPSA موجه الي : 🔲 تعج الحاجة الى رد 23 / 05 /1438 DATE بيانات الصادر التاريخ 8908 - 1438 NO. الزقم 1 كالرجاك اعادة جميع 0 ATTACHMENTS أمر فقات

المحترم

### سعادة / مدير شركة تيبسا- إستشاري الجامعة

قحية طيبة، وبعد.

إشارة الى خطابكم رقم SSAA/G-006/17 بتاريخ ١٤٣٨/٥/١١هـ المبنى على خطاب المقاول شركة / محيد محيد الراشد (ماركو) رقم MTR/SAAC/S-025/17 بتاريخ ١٤٣٨/٢/٥هـ بشأن طلبهم إعتماد مادة حديد التسبيح الخرساني من مصنع حديد الوطنية لمشروع / مبنى المنطقة التعليمية المساندة ومواقف السيارات متعددة الأدوار بالمدينة الجامعية.

الفيدكم بموافقة اللجنة الدائمة لمتابعة المشروعات الرئيسة بالمدينة الجامعية بجلستها المنعقدة يوم الإثنين الموافق ٢٣٨/٥/٢٣ هـ بإعتماد :

- مصنع الوطنية كمورد رئيسي لمادة حديد النسليح الخرساني للمشروع. نرفق لسعادتكم نموذج الاعتماد لإبلاغ المقاول ، وسرعة الرفع عن أي مواد متبقية للاعتماد بالمشروع.

وانته الموفق،،

أمين اللجنة الدائمة المتابعة المشروعات الرئيسية بالدينة الحامعية

م/ بندر بن سعد الشَّدوخي

والعرب المالية المالية

صورة مع النحبة: اللحدة الدائمة لمنابعة المشروعات الرئيسية بالمدينة الحامعية (م/بندر الشدوجي). العد (SSAA/G-006/16/SSAA-8908/38) مدين (SSAA-8908/38).

PROJECT			-	A STATE OF THE PARTY OF			New submittal	J Date	02/05/1438H 30/01/2017G
SUPPORTING ACADEMIC AREA AND CAR PARKING.BUILDING 4467			MAIEKIAL	MATEKIAL IKANSMILIAL			Re-submittal	Date	01
CONTRACTOR	CONTRACT	T.J.		MATE	MATERIAL INFORMATION	MATION		Trans	Transmittal No:ST-0060-2017
محمد الراشد	SUPPOF	SUPPORTING ACADEMIC AREA AND	IC AREA AND	TECHNICAL CAT.		~	Sample	7	
Mohammed Al-Rashitt	g	CAR PARKING.BUILDING 4467	31NG 4467	TEST CERT.		~	Calculations		
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WC.	ONI	BOQ	QUANTITY	Spec. No.	DWG	Dwg. No.	Desc. Det. No.		MANOTACI ONCH / SOFFUEN
STEEL BARS FOR CONCRETE REINFORCEMENT									
1 DIA 10 MM	Ton	3-A to S	2,500.00	45.2, 4,2.5, 4.2.6	AR-0101 to AR-0901	o AR-0901			WATANIA STEEL
2 DIA 12 MM	Ton	3-A to S	50,00	4.5.2, 4.2.5, 4.2.6	AR-0101 t	AR-0101 to AR-0901			PO BOX 16202
3 DIA 16 MM	Ton	3-A to 5	3,240.00	4.5.2, 4.2.5, 4.2.6	AR-0101 to AR-0901	o AR-0901			TEL OLI SESSAGA
4 DIA 20 MM	Ton	3-A to S	3,100.00	4.5.2, 4.2.5, 4.2.6	AR-0101 t	AR-0101 to AR-0901			FAX: 011 2659486
5 DIA 25 MM	Ton	3-A to 5	3,870.00	4.5.2, 4.2.5, 4.2.6	AR-0101 t	AR-0101 to AR-0901			
6 DIA 32 MM	Ton	3-A to S	60.00	452,425,426	AR-0101 t	AR-0101 to AR-0901			
CONTRACTOR REMARKS: Attached : 1-Sample 2-Pre Qualification (Technical Data)	REVIEW CONFOR	I CERTIFY THAT THE ABOVE SUBMITTED ITEM HAVE REVIEWED IN DETAIL AND ARE CORRECT IN STRICT CONFORMANCE WITH CONTRACT DRAWINGS AND SPECIFICATION EXCEPT OTHERWISE STATED	OVE SUBMITT ND ARE CORR CONTRACT DR OTHERWISE:	I CERTIFY THAT THE ABOVE SUBMITTED ITEM HAVE BEEN REVIEWED IN DETAIL AND ARE CORRECT IN STRICT CONFORMANCE WITH CONTRACT DRAWINGS AND SPECIFICATION EXCEPT OTHERWISE STATED			CONTRACTOR'S SIGNATURE	r's signa	THIZL TELL TELL THE AGE AGE TO THE AGE AGE.
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To: C&EMPD: Div. Manager Address: Granada Office, Bldg. A2 Tower Telephone Number: (011) 80 - 77860	, 3rd Floor	King	ractor) khi Co. for l Fahad Roa 163 3660			
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Manufacturer Supplier  COMPLYING WITH SCOPE OF WORK AND IF NO " INDICATE DEVIATIONS (Provide justific  Submitted by (Contractor) Signature  Name Date 1608/2017	cation and attac	Received by Signature are	Project:	<b>Engineer</b>		NO



### شركة الطوخي للصناعة والتجارة والمقاولات

Al-Toukhi Company for Industry, Trading & Contracting L.L.C. Capital 50 000 000 Riyals مات مستولية محدودة رأس المال المدفوع من مناه رجال



16-08-2017

No: TIT/SEC/8309/L-C42-R0

NATIONAL GRID SA. Central Operating Area PO BOX # 57 RIYADH.

Attention: Engr. Eid Al Otaibi

Division Manager, C&EMPD

Riyadh.

Contract: 4400008902.

Const. of National Guard Housing 132/13.8kV Substation#8309 KHASHIM AL-AN- RIYADH.

Subject: Material Submittal- Structural Deformed Steel Rebar- M/S - WATANIA

STEEL.

Dear Sir,

With reference to the above mentioned subject, we are submitting to your office Hard and soft copy of Material Submittal-Structural Deformed Steel Rebar M/S - WATANIA STEEL, for 8309 # Khashim Al An

S.No	Subject & Description	Rev
	Structure Reinforce Deformed Steel Rebar -	7
01	Deformed steel bars of 8mm, 10mm,	
OI.	12mm,14mm,16mm,18mm,20mm,25mm, and 32mm dia	00
	rebars.	

This is for your kind information, review and final approval.

Thanking you & yours faithfully,

For Al Toukhi Company for Industries, Trading & Contracting

Engr. Farraj Al Turki

Project Manager

Tel.+966 11 2766655 - Fax:+966 11 2766644 P.O.Box: 497 - Riyadh: 11411 - Wasl: 7599 - K.S.A. Cable: AL TOUKHI - C.R. 1010127329 C.C. No.: 1929









Project: Industrial Building (Non-Technical) for Power Plant PP13

Location: Durma, Riyadh K.S.A.

Subject: Submission of Civil Materials.

(Structural Deformed Steel Rebar).

ALF DOC. No. PP13-40-UB-CHO-ALF-085-R0.

Item	Description	Material Submittal No.	Material Name w/ Manufacturer/Supplier Name.	Reference/Remarks
1	Structural Reinforced Deformed Steel Rebar.  -Deformed steel bars of 8mm, 10mm, 12mm, 14mm, 16mm, 18 mm, 20mm 25mm and 32mm dia rebars.  *Already used steel bars in PP13 Durma site From ASSA SAID Company (See attachment).	MAT-C-0158	ASTM A615 Grade 60 Steel Bar / Watania Steel Company.	-ASSAD SAID Company Material approval.







### Project: Industrial Building (Non-Technical) for Power Plant PP13

Location: Durma, Riyadh K.S.A.

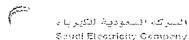
Subject: Submission of Civil Materials.

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	*Already used steel bars in PP13 Durma site From ASSA SAID Company (See attachment).			

1	ModerPersons	MA	TERL	MATERIAL SUBMITTAL			
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المراسلات الدلغلية | Internal Correspondence

### **EHV ENGINEERING & DESIGN DEPARTMENT** SUBSTATIONS ENGINEERING & DESIGN DIVISION

4th Floor, Platinum Plaza, Al-Andalus St., Jeddah

Our Reference #: 12024101 / 0092 - J / 18

Dated : 19/02/2018 G

Τo

03 / 06 / 1439 H

: Manager, EHV Projects Department - WOA/SOA

Attention FAISAL A. BANAKHAR

> Project Manager Fax #: 012-6500179

> > Contract # : 4400006631/00

Project Title : KHAMIS MUSHAYAT HOUSING

Subject : Deformed Steel Reinforcement Bars Watania Steel for Miscellaneous

Construction Works Supplier: M/S Wataniasteel

Contractor's Ref.#: TOUKHI/SEC/KHAM/DTS-408 R0

Dated: 14/02/2018 G

EHV PD Ref.# : 12023001/KMH/DTS-408 R0

Dated: 14/02/2018 G

Date Received @ EHV-EDD/SED: 14 / 02 / 2018 G

#### STATUS OF THIS SUBMITTAL:

A Acceptable B Acceptable with Comments C Acceptable, Except as noted (Resubmit) Q Rejected (Resubmit) E Clarification / For Information See Attached Comments ( 00 Page )

If you have any questions, please contact Engineer Fahad S. Aljaghthami on Tel. # 012-263-7063 ext. 111 or Engineer OSAIS L. CORPORAL Jr. on ext. 151

Regards,

OLC

Cc: MOHAMMAD JAMEEL AKHTAR ALTOUKHI

AHWED W. ALZAHRANI

Velivision Manager (A)

Substations Engineering & Design Division

The given approval does not relieve the Contractor from his contractual responsibility & obligation to meet the requirements of the project contract scope of work and technical specifications (SOW/PTS).

Al Toukhi Company for Indi And Contracting Tel. 01-2766655 Fax. 01-276 P.O. Box 497 - Riyadh 11411 K	6644 S A	A <i>lToukhiç</i> DOCUMENT	الطوضي TRANSMITTAL SHEET (I	ورية		شركة الطوخى للصناعة والتجارة و متف 12766655 + فعس 12766644 + من.ب. 497 الرياض11411-المملكة الع
TO: SAUDI ELECTRICITY ATTN.: Engr. Fahad S. AL Jaght Group Leader EHV Projects WOA & S	thami	NY			- J. W. T.	nis Mushnyat ng 380KV BSP
Project:			Date: 14/02/2018G (28/05/14	39H)		
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380/132/13.8 SEC-EHV W&S Contract No.	KV S/S	V00.00	Your Ref.:			
		100511	Date:			
Acceptance of the following subm	nittal is hereb Materials/Eq Civil	**************************************	OHTL Protection.Control&SAS		3	Others: Civil Material
Items Drawing No. or No. Documents	No. of Sheets	ν.	Description / Title	No. of Doc	Status	Approval
0 Deform Watai Sup		Watania co Suppli (Note: Al-V Al-Waha	steel reinforcement Bars - steel for miscellaneous onstruction works er : M/s. Wataniasteel Vatania Steel is approved in Project - Approval copy is attached) (Hard/Soft Copy)	3	1	Reviewed 201.# 092
The state of the s			the given approval will not release	-		is contractual obligation.)
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Complying with scope of work a  V Yes  If 'No' provide justification and a	☐ No				mers (	)-(X)
	velease the co	ntractor from 1	nis responsibilities in performing to	he work	in stric	t conformance
Project Manager  Please acknowledge receipt on co of this report shortages, if any,	py Sienatu	C.R. William Day	in Market	Da	te:	

Carrier WorleyP	Parsons	MATE	RIA	L SUBMITTAL				
		PP	13 - 3	80/132 SUBSTATION PRO	OJECT BSP 9	9040		ASSAD SAID
Ref. No. PP13-00-U2X-CFG-ASH-02	REV-01	PROJECT		LOCATION		Sheet 1		loise I
TERNO.1	☐ New Submi	ttal	Submit	al No.: ASH - 02-Rev-01			Previous Submittal No	: ASH-02
TERNO.2	Re-submitt	al	Submit	ral Date : AUG. 6, 2015			Previous Submittal Dai	te : FEB.27,2015
PURPOSE OF SUBMITTAL	☐ for	Information		For Comments	For A	aproval		
DISCIPLINE					Salaria De Controla			
OVIL MACHITECTUR	E STRUCT	UKAL HV	AC.	FLIMBING	LT STECING	Al .	□ one	ERS
CATALOGUE DINAV	WING CER	THECATE		SAMPU	TECH, DATA		m oth	ERS.
MATERIAL FEQUIPMENT Sr.No. Num	Name of the last o			nore than the provided space	3/1/2/	Sico Sinference	Standard	Approval Status
Sr.Ne. Nam	e, No. and Description	in Ur	igin .	Manufacturer / supplier	Specifical	BION HIRMSON	stansam	Approve Sunus
1.0 REINFORONG STEEL								
Dformed Bars, 8mm6	Ø. 10mmØ, 13mmØ, 14m	mili. E	SA.	WATANIA STEEL FACTORY CO.	Refere To Attac	ched Privilous		
	inm@, 25mm@, 32m	mØ.	- 2	New Al Ehory Road. Exit 18,	Approval	-	- ·	esser.
ASTM A 615, Grade 6	50.			New industrial City		1	WorleyPars	ons
			- 5	P.O Box: 16202, Hyadh, 11464 Tel # 011 26 56404			material state and	
			1	TALK ALL LOCATION		PROJECT	REVIEW STAMP 028101000181	
						20070000000	WED & ACCEPTED.	20
						MANG	FACTURE MAY PROCE	ED
						REVIS	E & RE-SUBMIT. FACTURE MAY PROCE	
						5. REVIS	SE AS MARKED & RE-SU FACTURE SHALL NOT	IBMT.
						4. REVE	W NOT REQUIRED.	
							FACTURE MAY PROCE	ED
						Acceptance in	n any of these categories or Supplier of its responsit	in no vey relieves
							mance of the Works in ac	
						58	NIVAS VASALA	- 1 - 1111 1
	-					- SQDEF	Date Date	9-AUG-2015
Contractor's Remarks	We clarify that ab	ove Submittal is strictly ad	Recred w	ith contract drawings & specifications a				
NOTE:				Contractor : Assad Sa	id for Contract	ing Co.,Ltd.		-
				Name :				124
				Title:			1154-0	
			_	Signature			Date	01
Consultant's Recommendation	18							
CONSULTANT:			1	OWNER: SEC				
Name:	Signature:		4 3	Name:			Signature:	
Pedition: PROJECT MANAGER	Date:			Position: PROJECT MANAGER			Date:	
COMMENTS:			1	COMMENTS:				
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COMPLY AS PER SPE	and the state of	The state of the s		100 TO 10	AS PER SPECIFICATIO	25/2	HISELICO	
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	7-4-2-00 PM		I also and	14	825	57.072		
REF, IN:	Signature		REF. O	UI	Signs			
	Diaber				Date			



العرضانات الداخلية | Internal Correspondence

### EHV ENGINEERING & DESIGN DEPARTMENT SUBSTATIONS ENGINEERING & DESIGN DIVISION

4th Floor, Platinum Plaza, Al-Andalus St., Jeddah

Our Reference #: 12024101 / 0076 - J / 18

: 06/02/2018 G Dated

Τo

20/06/1439 H

: Manager, EHV Projects Department - WOA/SOA

Attention : Engr. Tehir M Anjum

Project Manager

Tel.#: 012-653735

Contract # : 4400005140

Project Title : AL WAHA 380/110/13.8kV BSP

Subject : Deformed Steel Reinforcement Bars -

Wateria Steel (for Miscellaneous Construction Works)

Contractor's Ref.#: Al-Toukhi/SEC/Al-WAHA/DTS-682 R0

Dated: 04/02/2018 G

: 12023001/AL WAHA/DTS-682 R0 EHV PD Ref#

Dated: 04/02/2018 G

Date Received @ EHV-EDD/SED: 04 / 02 / 2018 G

### STATUS OF THIS SUBMUTAL:

Х	A Acceptable	B Acceptable with Comments
	© Acceptable, Except as noted (Resubmit)	D Rejected (Resubmit)
		See Aflached Comments ( 00 Page )

If you have any questions, please contact Engineer Fahad S. Aljeghthami on Tel. # 012-263-7069 ext, 111 or Engineer OSAIS L. CORPORAL Jr. on ext. 151

Regards,

OLC

Cc: Fahed Saleh Al-Aslani AL TOUKH!

"MOHAMMED SALEH BAAZIEM Division Manager (A).

Substations Engineering & Design Division

To: SAUDI ELECTRICITY COMPANY  Attn.: Engr. Husam Al-Hazeni Group Lender, EIVTD WOA & SOA Inhabazeni@se.com.is  Profect: CONSTRUCTION OF NEW Al-WAHA 380/110/13.8KV BSP (WHA)  CONTRACT No.: 4400005140  Profect: CONTRACT No.: 4400005140  Our Ref.: Al-Toukhi / SEC / WAHA DIS-682 R0 SEC Ref: Your Ref: Contract No.: 4400005140  Acceptance of the following submittal is hereby requested: Drawings Materials Equipment OHTL Vothers  Protection.Control &SAS Electromechan  Items No. Drawing/Doc No. No. of Sheets Rev. Description / Title No. of Watania steel (for Miscellaneous Construction works)  A-PPROVAL STAGE ISTATUS OF APPROVAL RESUBMISSION B - APPROVED AS NOTED APPROVAL STAGE STATUS OF APPROVAL RESUBMISSION B - APPROVED AS NOTED APPROVED FOR CONSTRUCTION POR RESUBMIT FOR INFORMATION D - REJECTED  ON Manager, Fred. Engagy, (PERNAL FOR INFORMATION Complying with scope of work and technical specifications? Yes If 'No provide justification and attack supporting documents. Note: Acceptance does not release the fourtractor from his genomistration; to pre-forming the work in strict conformance  WHA  Total Results and attack supporting documents. Note: Acceptance does not release the fourtractor from his genomistration; to pre-forming the work in strict conformance  WHA  INVENTED AS SOL (Conformance)  WHA SEC SITE OFF  Please acknowledge receipt on onyo Other Steel Reinforcement Bars  INVENTED AS SOL (PERNAL TON)  WHA SEC SITE OFF  Please acknowledge receipt on onyo Other Steelers and the supporting documents.  Note:  Acceptance does not release the fourtractor from his genomistration; to pre-forming the work in strict conformance  WHA  The State of the fourtract scope of work and technical specifications?  Yes acknowledge receipt on onyo Other Steelers and the supporting documents.  Note: Acceptance does not release the fourtractor from bis genomistrations or pre-forming the work in strict conformance  WHA  Total Professional States  Total Professional States  Total Professional States  Total Professional States  Total Profe	And C Tel. 0	ukhi Company for Indu contracting 11-2766655 Fax. 011-2 ox 497 - Riyadh 11411 K	766644	d.	AlToukhifis	الطوف			شركة الطوخي للصناعة وا منف 2766655 1 966 + نكس 2766644 1 966 + ص.ب. 497 الرياض11411-
Project:   CONSTRUCTION OF NEW AL-WAHA 380/110/13.8KV BSP (WHA)	To: S.	AUDI ELECTRICITY	COMPA		CUMENT TRANSMIT	TTAL SHEET (DTS)			WHA
CONSTRUCTION OF NEW AI-WAHA 380/110/13.8KV BSP (WHA)  CONSTRUCTION OF NEW AI-WAHA 380/110/13.8KV BSP (WHA)  SEC Ref:  Your Ref:  Date:  Acceptance of the following submittal is bereby requested:  Drawings  Materials/Equipment  OHTL  Volters  Protection,Control &SAS  Electromechan  No. of Drawing/Doc No.  No. of Sheets  No.  Description/Title  Deformed Steel Reinforcement Bars — Watania steel (for Miscellaneous Construction works)  APPROVAL  APPROVAL  A APPROVAL  FOR APPROVAL  A APPROVED  FOR APPROVAL  A APPROVED  APPROVED FOR CONSTRUCTION  B = APPROVED AS NOTED  APPROVED FOR CONSTRUCTION  B = APPROVED  AS BUILT  ASB = AS BUILT  ASB = AS BUILT  Complying with scope of work and technical specifications?  Vessel Yes  Note:  Acceptance does not release the fortractor from his generating in Prescorming the work in strict conformance  WHA SEC SITE OFF  Eng. Tarkeshwar Singh  Sec.  C.R. 1010/127329  C.R. 1010/127329  Pages acknowledge receipt on copy  Received by:  Date:	Attn.:	Group Leader, EHVPD WO	A & SOA						
CONSTRUCTION OF NEW AI-WAHA 380/110/13.8KV BSP (WHA)  Contract No.: 4400005140  Contract No.: 4400005140  Acceptance of the following submittal is hereby requested:    Drawings	Pro	iect:				Date: 01/02/2018G (1	5/05/1439	H)	
SEC Ref:    Contract No. : 4400005140	106001					Our Ref.: Al-Toukhi / S	EC/WAF	A/DT	S-682 R0
Acceptance of the following submittal is hereby requested:    Drawings	co	NSTRUCTION OF NEW	AI-WAHA	580/1	10/13.8KV BSP (WHA)	SEC Ref :		1	-71
Acceptance of the following submittal is hereby requested:    Drawings	Con	tract No.: 4400005140				Your Ref :			
Drawings Materials/Equipment OHTL    Drawings   Drawing						Date:			
Terms   No. of   No	Acc	eptance of the following sub	mittal is here	by re	quested:				
Items   Drawing/Doc No.   No. of   Sheets   No		Drawings	Materials/	Equip	ment	OHTL			√ Others
Deformed Steel Reinforcement Bars - Watania steel (for Miscellaneous Construction works)   Soft & Hardcopy		√ Electrical √	Civil			Protection, Contr	ol &SAS		Electromechanical
Soft & Hardcopy   Soft & Hardcopy	100000000	Drawing/Doc No.	11,000,000	Rev.	Descript	ion / Title	200	Status	Approval
(Al Toukhi confirm that there is no hidden deviation & the given approval will not release contractor from his contractual obligation.)  APPROVAL STAGE STATUS OF APPROVAL  PFOR APPROVAL  A = APPROVED  RESUBMISSION  B = APPROVED AS NOTED  APPROVED FOR CONSTRUCTION  C = RESUBMIT  FOR INFORMATION  D = REJECTED  AS BUILT  ASB = AS BUILT  E = INFORMATION  Complying with scope of work and technical specifications?  V Yes  No  If 'No' provide justification and attach supporting documents:  Note: Acceptance does not release the contractor from his responsibilities in preforming the work in strict conformance with contract x ope of work and technical specifications?  Engr. Tarkeshwar Singh  Sr. Project Manager  Please acknowledge receipt on copy  Received by:  Date:	1			0	Watani	a steel			A
APPROVAL STAGE  STATUS OF APPROVAL  A = APPROVED  RESUBMISSION  B = APPROVED AS NOTED  RESUBMISSION  B = APPROVED AS NOTED  RESUBMISSION  APPROVED FOR CONSTRUCTION  C = RESUBMIT  FOR INFORMATION  D = REJECTED  Div. Mgr. TO Engg. & SAS. W. (Feasy)  AS BUILT  ASB = AS BUILT  E = INFORMATION  Complying with scope of work and technical specifications?  V Yes  No  If 'No' provide justification and attach supporting documents:  Note:  Acceptance does not release the fontractor from his responsibilities in performing the work in strict conformance with contract scope of work anotechnical specifications!  ALTOURNIS 539  C.R. 1010127329  Please acknowledge receipt on copy  Received by:  Date:					1982579745	120 C C C C C C C C C C C C C C C C C C C			
FOR APPROVAL   A = APPROVED   N   Eⅅ - WOA & SOA (Original + 1 CD)	ADD					val will not release contract			ual obligation )
RESUBMISSION  B = APPROVED AS NOTED  Ref.# 07  Div. Manager. Prot. EnggW. (PED-NOTE)  FOR INFORMATION  D = REJECTED  Div. Mgr. To Engg. & SAS. W (TE&SA)  AS BUILT  ASB = AS BUILT  E = INFORMATION  The second of work and technical specifications?  Ves  No  If 'No' provide justification and attach supporting documents:  Note:  Acceptance does not release the contractor from his responsibilities in performing the work in strict conformance with contract stope of work and technical specifications.  Engr. Tarkeshwar Singh  Sr. Project Manager  Please acknowledge receipt on copy  Received by:  Date:	-	SERVICE THE PROPERTY OF THE PR	1000000	Onse	Vive Suit O				and the second
APPROVED FOR CONSTRUCTION C = RESUBMIT  FOR INFORMATION  D = REJECTED  ASB = AS BUILT  ASB = AS BUILT  Complying with scope of work and technical specifications?  V Yes  No  If 'No' provide justification and attach supporting documents:  Note:  Acceptance does not release the contractor from his responsibilities in performing the work in strict conformance with contract scope of work and technical specifications?  Engr. Tarkeshwar Singh  Sr. Project Manager  Please acknowledge receipt on copy   Received by:  Date:						Wiene			
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Complying with scope of work and technical specifications?  V Yes  If 'No' provide justification and attach supporting documents:  Note: Acceptance does not release the contractor from his responsibilities in performing the work in strict conformance with contract scope of work perfections.  Engr. Tarkeshwar Singh  Sr. Project Manager  Please acknowledge receipt on copy Received by:  Date:	$\vdash$				TIED		Div.	Mgr. TC E	ingg, & SAS, W (TE&SAD)
Note: Acceptance does not release the contractor from his responsibilities in performing the work in strict conformance with contract scope of work and technical specifications.  Engr. Tarkeshwar Singh Sr. Project Manager  Please acknowledge receipt on copy Received by:  Date:	Ш	AS BUILT			BUILT	G FEB 2018			
Note: Acceptance does not release the contractor from his responsibilities in performing the work in strict conformance with contract scope of work protechnical specifications.  Engr. Tarkeshwar Singh Sr. Project Manager  Please acknowledge receipt on copy Received by:  Date:	Com	plying with scope of work a	nd technical	speci	fications? Sig:	///			
Note: Acceptance does not release the contractor from his responsibilities in performing the work in strict conformance with contract scope of work protechnical specifications.  Altoukhi 5.34  Engr. Tarkeshwar Singh Sr. Project Manager  Please acknowledge receipt on copy Received by:  Date:	I	√ Yes	₽ No		-	- Garage			
Engr. Tarkeshwar Singh Sr. Project Manager  Please acknowledge receipt on copy  Received by:  Date:	0.800	Acceptance does not re	lease the co	ntrac	tor from his responsibilitie	s in performing the work	in strict co	nforma	nce
Engr. Tarkeshwar Singh Sr. Project Manager  Please acknowledge receipt on copy  Received by:  Date:	51525	with contract scope of	work and te	chnie	cal specifications	Con September 1			
Please acknowledge receipt on copy Received by: Date:					AITOURNISS 1-1-177749 C.R. 101012	1329 W. T.			
Signature:	Please	acknowledge receipt on cop			y: Old Gilber (14)		Date		





Our Ref: SEC/AT/HAIL-2CC/2071 Date: 04-02-1437H (November 16, 2015G)

Al Toukhi for Industry, Trading & Contracting

P.O. Box No. 497 Riyadh, 11411, KSA Fax: 966-1 2766644

Attention : Engr. Ahmed Zebdeh

Project Manager

Project : Conversion of Hail-2 Simple Cycle to Combined Cycle Power Plant,

Contract # 4400004078

Subject : Request for Approving M/s. Watania Steel Factory Corp as Rebar

Supplier

Reference H-AT-SEC-C2114 dated November 12, 2015

Greetings,

Drawing / document received through above transmittals are given the following review status:

Sr. No.	Drawings / Documents Title	-	Drawings / Docu Number	Purpose of Submission	Review Status	
1	Request for Approving M/s. Watania Steel Factory Corp as Rebar Supplier		Nil		IFA	Α
Leger	nd for Review Status	A: NA:	Approved Not Approved	AWC:	Approved with C Kept for Informati	

#### Comments:

Marked on the Drawing / Document: No
 Given here below or in the attached CRS: No

SEC review of this document will not relieve AT of its contractual obligations to comply with the requirements of the Contract.

Regards,

ENGR. OMAR I. AL-SAQABI

Project Manager

C/M

Civil and Electro/Mech Address: Granada Office B	RTMENT- CENTRAL hanical Projects Division Building Tower A2. 3rd Floor ACTOR'S SUBMITTAL
	At first to the second of the Suffern
Use: C-for Civil, E- for Electrical.	M- for Mechanical, and SF- for Safety
Submittal No.: TIT/SEC/8223,8234, 8288 /L-C 47 -Rev 00	
PROJECT TITLE : Construction of 132/13.2 Kv Al-Nas CONTRACT NO. : 4400009985, 4400009987 & 4400009988 ::	seem,Al-Nadheem & Al-Sulay SS No: 8223.8234 & 8288 JO NO
To: C&EMPD: DIv. Manager Address: Granada Office, Bldg. A2 Tower, 3rd Floor Telephone Number: (011) 80 - 77860	From : (Contractor) Al-Toukhi Co. for Industry & Trading King Fahad Road, Riyadh -11411 (011)463 3660
ACCEPTANCE OF THE FOLLOWING SUBMITTAL IS H	EREBY REQUESTED
Check Drawings / Materials / Appropriate Box: Sketches Equipment	☐ Test Reports/ ☐ Others (Specify) Calculations
FILL-UP APPLICABLE INFORMATION BELOW:	
Description : S/S # 8223, 8234 * 8288 Sub	
	ements Watania Steel (Main Supplier)
Al-Nadheem, Al-Naseem	& Suly Sub-stations.
Reference Specification Manufacturer Supplier	
Manufacturer/Supplier  COMPLYING WITH SCOPE OF WORK AND TECHNICAL F*NO* INDICATE DEVIATIONS: (Provide justification and attac	L SPECIFICATIONS?
Manufacturer Supplier  COMPLYING WITH SCOPE OF WORK AND TECHNICAL F"NO" INDICATE DEVIATIONS: (Provide justification and attact  Submitted by:	L SPECIFICATIONS?  The supporting documents of the support of the su
Vanufacturer Supplier  COMPLYING WITH SCOPE OF WORK AND TECHNICAL F*NO* INDICATE DEVIATIONS: (Provide justification and attact  Submitted by:  Contractor) Signature	L SPECIFICATIONS?  YES NO supporting documents)
COMPLYING WITH SCOPE OF WORK AND TECHNICAL F"NO" INDICATE DEVIATIONS: (Provide justification and attact  Submitted by: Contractor) Signature  Name Eggs, Mohammid H. Ahandeb	Received by Project Engineer C&EMPD Signature
COMPLYING WITH SCOPE OF WORK AND TECHNICAL F*NO* INDICATE DEVIATIONS: (Provide justification and attack Submitted by: Contractor) Signature Name Eggs Molecum d H Alicender Date: (04/02/2018)	Received by Project Engineer, C&EMPD  Signature  Name Engr. Mohammad Al-Khaldi  Date (04/02/2018)
COMPLYING WITH SCOPE OF WORK AND TECHNICAL F"NO" INDICATE DEVIATIONS: (Provide justification and attack  Submitted by: Contractor) Signature Name Fort Mohammid fl Alimnoh Date: (04/02/2018)	Received by Project Engager C&EMPD  Signature  Name Engr. Mohammad Al-Khaidi  Date (04/02/2018)
COMPLYING WITH SCOPE OF WORK AND TECHNICAL F'NO* INDICATE DEVIATIONS: (Provide justification and attack  Submitted by:  Name Fort Mohammi d H Alimanh Date: (04/02/2018)  FOR OFFICIAL U  ational Grid-SA/Projects Depriment has reviewed	Received by Project Engineer, C&EMPD Signature Name Engr. Mohammad Al-Khaldi Date (04/02/2018)
COMPLYING WITH SCOPE OF WORK AND TECHNICAL TOO INDICATE DEVIATIONS: (Provide justification and attack  White day:  Contractor)  Signature  Name For Mohammid H Almandi Date: (04/02/20 8)  FOR OFFICIAL U  ational Grid-SA/Projects Deprtment has reviewed	Received by Project Engager C&EMPD Signature Name Engr. Mohammad Al-Khaldi Dale (04/02/2018)  SE ONLY  REMARKS:
COMPLYING WITH SCOPE OF WORK AND TECHNICAL ENO* INDICATE DEVIATIONS: (Provide justification and attack  ubmitted by:  Contractor) Signature  Name Foot Mohamm of It Almosto  Date: (04/02/20 8)  FOR OFFICIAL U  attional Grid-SA/Projects Deprtment has reviewed as reviewed the above submittal and found it:	Received by Project Engager, C&EMPD Signature Name Engr. Mohammad Al-Khaldi Date (04/02/2018)
COMPLYING WITH SCOPE OF WORK AND TECHNICAL  "NO" INDICATE DEVIATIONS: (Provide justification and attack  ubmitted by:  Name For Mohammid II Alamach  Date: (04/02/20 18)  FOR OFFICIAL U  ational Grid-SA/Projects Depriment has reviewed as reviewed the above submittal and found it:  U ACCEPTABLE  ACCEPTABLE AS NOTED  NOT ACCEPTABLE (RESUBMIT)	Received by Project Engager, C&EMPD Signature Name Engr. Mohammad Al-Khaldi Date (04/02/2018)  SE ONLY  REMARKS:
COMPLYING WITH SCOPE OF WORK AND TECHNICAL  TOWN INDICATE DEVIATIONS: (Provide justification and attack  Tubmitted by:  Contractor)  Signature  Name Foor Mohammid II Almoreh  Date: (04/02/20 18)  FOR OFFICIAL U  ational Grid-SA/Projects Depriment has reviewed as reviewed the above submittal and found it:  ACCEPTABLE  ACCEPTABLE AS NOTED	Received by Project Engager, C&EMPD Signature Name Engr. Mohammad Al-Khaldi Dale (04/02/2018)  SE ONLY  REMARKS:
COMPLYING WITH SCOPE OF WORK AND TECHNICAL F"NO" INDICATE DEVIATIONS: (Provide justification and attack  Submitted by:  Name Forr, Mohammid H. Ahamen Date: (04/02/20 8)  FOR OFFICIAL U  ational Grid-SA/Projects Depriment has reviewed as reviewed the above submittal and found it:  ACCEPTABLE ACCEPTABLE AS NOTED NOT ACCEPTABLE (RESUBMIT) PROVIDE ADDITIONAL INFORMATION SEE ATTACHED COMMENTS	Received by Project Engineer C&EMPD Signature Name Engr. Mohammad Al-Khatdi Date (04/02/2018)  SE ONLY  REMARKS:
COMPLYING WITH SCOPE OF WORK AND TECHNICAL F"NO" INDICATE DEVIATIONS: (Provide justification and attack  Submitted by:  Name For Mohammid II Alimath Date: (04/02/20 8)  FOR OPFICIAL U  lational Grid-SA/Projects Depriment has reviewed as reviewed the above submittal and found it:  ACCEPTABLE ACCEPTABLE (RESUBMIT) PROVIDE ADDITIONAL INFORMATION SEE ATTACHED COMMENTS	Received by Project Engineer, C&EMPD Signature Name Engr. Mohammad Al-Khaldi Dale (04/02/2018)  SE ONLY  REMARKS:
COMPLYING WITH SCOPE OF WORK AND TECHNICAL F"NO" INDICATE DEVIATIONS: (Provide justification and attack  Submitted by:  Name For Mohammid R. Alamach Date: (04/02/20 8)  FOR OFFICIAL U  lational Grid-SA/Projects Depriment has reviewed as reviewed the above submittal and found it:  ACCEPTABLE ACCEPTABLE AS NOTED NOT ACCEPTABLE (RESUBMIT) PROVIDE ADDITIONAL INFORMATION	Received by Project Engineer, C&EMPD Signature Name Engr. Mohammad Al-Khaldi Date (04/02/2018)  SE ONLY  Please use extra sheets if needed.

		EL SEIF ENGINEERING ONTRACTING CO. P.O. Box 2774, Riyadh 11461	Project: Project Future   Head Of			Riyadh	Consulta	<u>nt:</u> R(	A	DIS Cocion & Consultancy to resture and built assets	2/6/2018
	EL SEIF	Kingdom of Saudi Arabia	Employer: SABB	ب	_اد					Hyder	
			MATERIAL APPRO	VAL	L RE	EQUEST (I	MAR)				
ĺ	Project:	Project Future Ne	ew Riyadh Head Office		Pr	oject No:		P14	2		
	Title:	Watania Steel			Su	bmittal No	o. :	SAB	B-MAT	-S-0001-00-ELS-ARC	
	To:		gn & Consultancy	<b>!</b> ⊢	_	ite:		0.4			
ŀ	Attention :	Mr. Mohammed				evision :		01	т с		
Į	From: Mr. Patrick Moran  MATERIAL DETAILS  Company: Elite Trading Alliance Co.,  Country of Saudi Arabia				Su	bmittal Pa		MA			
								ICLO	SURE		
					<b>√</b>	Catalogu			<b>√</b>	ISO Compliance	
						Product Stateme	Compliar	nce	<b>√</b>	Product Data sheets	
	Origin : Local Agent :	Elite Trading All	iance Co	1		MSDS	110			Sample	
	Availability:	✓ Local	Imported	1	✓	Compar	ison She	et		List of Suppliers	
	Status :	✓ Specified	Alternative		0011	Authority	y Approva	als	✓	Others	
	Address:	Saudi Arabia									
	Submitted for :  No Objection Signature : Name :  Consultant's Consult	ection 7	GR60 –VS- BS 444  Acknowledge				n	Cod	ordina	tion	
delive of 46 Addi in lin and q perior	ery for comp 0 N/mm2 is tional rebar e with computability of ma	pliance againg achieved. shall be consparison staten aterial is main andling and a	be tested in indep st ASTM A615 idered for flexur nent provided.Est tained througho pplication proce	al a	an an C t	d to enside tension of	on reinf e that o	orce cons	eme siste	yield strength nt as required ncy in supply	
	Signature :  Name : Ret  Consultant		nar (Lead Struct	ure	es)	Signatu Name SABB Review Date :					
	Result:										
		Objection	B- No Objection with comments			C- I	Rejected			D- Acknowledged/ For Information	
	Signature : Name :					Date					
	Note: "Consultant's re change to Contract D	eview shall not relieve to Occuments, and therefore	he Contractor of its obligation re, shall not imply any recogn	ition	d liat wha	oilities under t tsoever of ad	the Contract ditional time	or con	stitute t to the	authorization of any Contract."	
	Form no. SABB-QF-ENGO	G-06 REV. 1								Date: February 4, 2018	



شركةالاتدادالىمندسي السعودية طيب و علمه Saudi Consolidated Engineering Company Khatib & Alami رقم الرخسة ٢٢٧ / ١٢ / ٢٧ License No. 323 / 13 / 72

To:	Engr. Bashar Salahi Project Director RTCC - Contractor	From:	Khatib and Alami Project Manager RNCF
Ref.: Date:	RR-KA-L-0846 27 <sup>th</sup> October 2018	Our Ref.: Date:	KA-RR-L-1029 6th November 2018
Cc:	Engr. Hafiz Zakari Supervision Committee Chairman – RNCF Saline Water Conversion Corporation		
Subjec	ct: Application for Material Approval - (AMA) C M/S"WATANIA STEEL Co."	-0074 - Reinfor	cement Steel from

Dear Mr. Salahi,

With regards to the above mentioned subject, please note that the submitted AMA # C-0074 regarding reinforcement steel from M/S"WATANIA STEEL Co." is approved with the following comments;

- 1. Reinforcement shall be deformed bars confirming to ASTM A615 Grade 60 as per project specifications C07/ clause 6.2.1.
- 2. All relevant expired certificates shall be renewed and validated.
- 3. Latest physical, mechanical and chemical test reports from third party lab shall be provided.
- 4. Samples of all required bar size shall be provided.

غطيب وعد

Conversion

This is for your information and necessary action. ayadi How City Fee

Kind regards,

Abdullah Al-Breakeit Project Manager RNCF-KA

Attachment: AMA C\_0074

RIVADII Membership At C. C : 2625 P.O. Sox 3928 Riyadh 11431 PHONE: 4778384 / 4778385 FAX: 4779793

JEDDAII. Website: www.khatibalami.com

AL-KHORAR Membership At C. C : 1010 P.O.Box 1713 Khobar 31952 PHONE: 6945316 / 8942325 FAX: 8942341 رقم العصوب في ت ١٠١٠ من ب ١٧١٢ - الخير ٢١٩٤١ ASSESSED AND ADDRESS.

رفع المضويسة غ. ت ١١٨٩١ ص. ت ١٩٢٠ - جسمد ٢١٤١٣ 1117V17 / 1117V11 -------STERVAL LASIA

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### SALINE WATER CONVERSION CORPORATION

### RIYADH NEW CITY FEEDERS (RNCF) PROJECT



Package: B1 & B2 PROJECT No. 10101



Khatib & Alami

### APPLICATION FOR MATERIAL APPROVAL

FROM	то			DATE	27-Oct-2018
RR RF	☐ SR	SF		YOUR REF.	NO.
KA	KA KA	•1	L- 0846	MTL NO: RE	F. AMA-C-0074
SR SF	RR	RF		FILE NO.	ZG10
			o: SF		
ONTRACTOR:		Al Rashid Trac	ding and Contracting (	Co. (RTCC)	
ESCRIPTION OF MATERIAL /	Reinforcement Steel ( As	WW.48.0009-86470			
JBCONTRACTOR LACE OF APPLICATION / LOCATION	All over the project where				
	PLACE OF ORIGIN OF MATER		(X) SAUDI ARABIA		( ) OTHER
PPORTING DOCUMENTATION	PRODUCT TECHNICAL DATA		(X) YES		( ) NO
William Control of	M/S WATANIA STEEL Co		100	TR.:	+966 011 2659494
ME & ADDRESS OF SUPPLIER	P.O. Box 16202, Riyadh			FAX	+956 011 2659494
evenue anticomor aux vicuos reporto	M/S WATANIA STEEL Co	and the same of th		TEL	+986 011 2659494
ME & ADDRESS OF MANUFACTURER	P.O. Box 16202, Riyadh			FAX:	+956 011 2659494
NDOR'S APPROVAL	( ) APPROVED BY SWCC	11.650.000.000	pp. 8	OT REQUIRED	1.11.01.000101
NTRACT SPECIFICATION No.:	VOLUME & ARTICLE No.	7.00	-147, Volume 5, Article	Control of the Contro	ement steel
	TITLE		tion C07 - Concrete an	The second secon	
REFERENCE	OTHER REFERENCES		237774		
	18.7817.7517.7527.7537.7537.75	ALL STREET, ST	200		
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MOST MENT WITH	(X) PHOTOGRAPHS	() SAMPL		RS: SPECS / TEST R	EPORTS
INTACT PERSON	Engr. Ahmad Zakkar			0504 984245	
ONTRACTOR:	SIGNATU	er.	PAX: IV	-	NTE:
NGINEER (KHATIB & ALAM): CHECKED BY: FN 30.	HANAFY		ZG10	MATERIAL No. :	C-0074A
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Confractor is fully responsible for any deviat from those declared above and approved b Copy of SWCC Vendor Approval to be asset	by the client	وَيُلِيثِ يُرْجُاوَ		1	How City Copy
		Living & Cottage		Salino	Hhath & Alami
					Conversion



Saline Water Conversion Corp Shuqaiq WTS Phase 3 Project No.: 20407

**COMMENT REVIEW SHEET** 

**S**PÖYRY

13-NOV-2018

Sheet 1 of 1 DATE:

To:

Attn:

RTCC Re / Contractor:

> Riyadh AL-Ma'ather street P.O.Box 307-Area Code 11411

Tel: +966(11)4164111

Fax: +966(11)4164222 Engr: Fawaz Tarazi

Transmittal Ref.

No.:

RR-EH-H-0075

10-NOV-2018 Date:

Project Document No.:	AMA-C-0045			Revision:		В
Document Title:	Reinforcement steel- de	eformed Bars (ASTM 61	5 Grade 60)			
Engineer's Review Status Recommendation	A. Approved to Proceed	B. Approved to Proceed; Subject to Comments	To	ejected; D Be esubmitted	☑ D. Info Only	

Drawing / Doc Comment Ref	Description of Comment / Remark	Reference Contract Section (if Applicable)
1.	The percentages of carbon, manganese, Phosphorus, and sulfur, shall be determined. The phosphorus Content thus determined shall not exceed 0.06 %.	ASTM A 615/A 615M clause no 6.1
2	Nominal Weights [Masses], Nominal Dimensions, and Deformation Requirements, should as per reference specification.	ASTM A 615/A 615M Table 1
3	Each delivery of reinforcement bars shall be accompanied by a test certificate from the manufacturer, stating purchaser, order number, product, weight of delivery, diameter of bars, cast number, yield strength, tensile strength, elongation, and chemical composition. Each certificate shall show date, certificate number, and authorized signature of the manufacturer.  A visual check of conformity between order, certificate, and tagging shall always be done.	Volume IX Civil Specifications – C07- 6.2.4.1
4	Three samples shall be taken at random from each month's delivery and tested for yield strength, tensile strength, and elongation.	Volume IX Civil Specifications – C07- 6.2.4.1

	1 M/ 12-e
Our Ref No.:	Signed:
EE DE II 0075	Eric A. Mawlawi
EF-RF-H-0075	Project Manager; Owner's Engineer

Approval of general compliance of Contract Documents does not constitute a blanket approval of all dimensions, quantities and details of material, equipment or items shown or described and does not relieve the Contractor from his responsibility concerning the requirements stipulated or implied by the Contract Documents.

Sub Res		mittal I			t Rep	ort)	Da	<i>V</i>	3 2018 ,	200	SOUTHASTING
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**AL-ASKAR ENGINEERING** 

CONSULTING ENGINEERS
TEL. 4760108 RIYADH



العسكر للهندسة مهندسوه استشاريوه ماتف ٢٦٠١٠٨ الرياض

### مشروع استبدال معهد العمارة والتشييد

التاريخ: ١٦ / ٤ / ٢٠٥٠ هـ الموافق: ١٦ / ٢٠١٤ م الرقم: م.ع.ت / ٢٠١٤ / ٢٠١٤ السادة / شركة ثرب للتجارة والمقاولات المهندس /مدير مشروع المقاول

المحترمين المحترم

الموضوع:- اعتماد حديد الوطنية :.

ايماءا الي خطاب المقاول رقم / الرياض /٦٥/ ١٤٣٥ في ١٤٣٥/٤/٦ هـ بخصوصص طلب اعتماد حديد الوطنية نفيدكم بالأتى :.

، حسب خطاب المقاول تم رفع مذكرة الى المؤسسة العامة ( المالك ) وحسب التوجية الوارد من المكتب الأستشاري الرئيسي يتم اعتماد الحديد الوطنية بالموقع . وحسب المقابلة اليوم مع السيد المهندس المنسق بالمؤسسة العامة وفي وجود مهندس المقاول التوجية بالأعتماد بالموقع ايضا مع الزيارة للمصنع من كل من المقاول والأستشاري . وعلية بقبول اعتماد حديد الوطنية حسب التوجيهات من المكتب الرئيسي والمنسق مع تحديد ميعاد لزيارة المصنع . علما بانة تم اعتماد حديد سابك والراجحي ولاحقا الأتفاق جميعا بالموقع لوجودهم بالقائمة الأسترشادية للمؤسسة العامة .

ولكم جزيل الشكر.....

وندم چرین انسخر.....

مدير المشسروع استشاري

ا مرا مانی محمد احمد







### Saudia Cargo - New Terminal Building

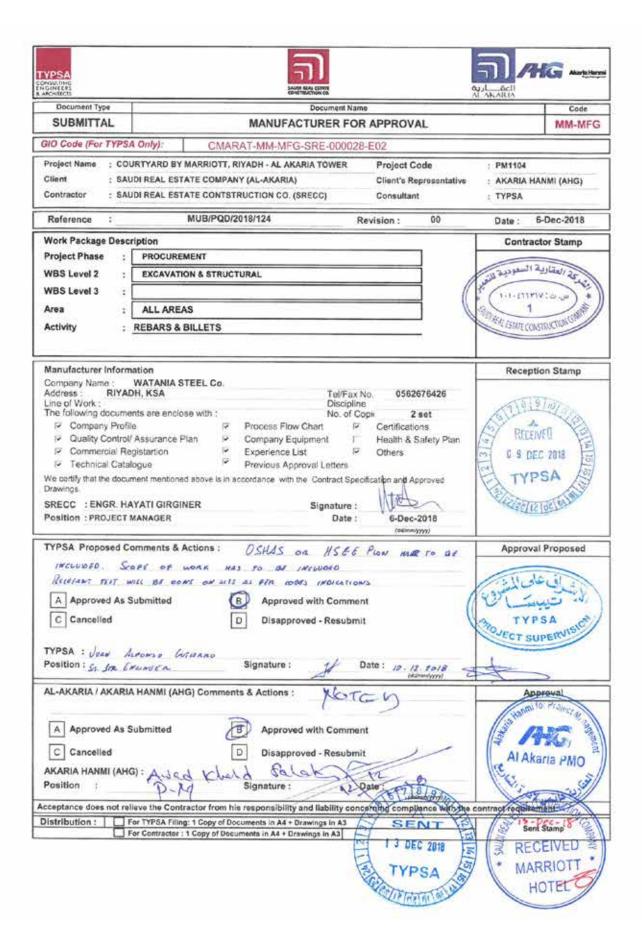
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### **AECOM**



Cont	ractor ; A	Al BAWANI CO. LTD			Transmittal:	KKIA-TN-08	35	Date : 24-10	0-2018
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# موافقات المشاريع

Date: 5-August-2019



### THALES AND AL-AYUNI (THALES-AICC)

2<sup>rd</sup> Floor, Alya Plaza Building, Al Rabae, Thomama & Abu Baker Al-Sadeeq Roads Crossing, P.O. Box 4727 Riyadh 11412, Kingdom of Saudi Arabia

Att.: Mr. Cristian Krohn (Contractor's Representative)

Code: STW-LET-TYP-000224 E01

Subject: Evaluation of Al Watania Steel as a Supplier of Heterences:

Reinforcement Steel Bars oSTW190729c, 29-Jul-19

### Dear Sir.

Reference is made to your letter (ref. code oSTW190729c) received on 30-July-2019, regarding the submission of the prequalification documents for Al Watania Steel as a Supplier of Reinforcement Steel Bars on the STW230 Project for our review and approval.

After reviewing the mentioned documents, the CSC approves Al Watania Steel as a Supplier of Reinforcement Steel Bars on STW230 project.

The Contractor shall propose the specific material/s to be supplied and perform the correspondent tests certificates to show the suitability of the product to be procured (manufacturing in-house and third party test certificates). Moreover, the Contractor will ensure and evidence that the products supplied satisfy the Employer's Technical Requirements and the applicable Standards along the material delivery and installation (production testing).



M



### KAFD Transmittal Form

	lohammed Ezzat Al eputy Project Manag				Da	te: 29-Februa	y -2020		
Comp	oany Name: : Al M	ashrik Contr	acting	, Co	Tra		(AFD-RY-R 00012	IA0-S102-S	CS-MAS-TRN-
Addre	ess: KAFD Project F	Riyadh, KSA			Pro	ject No: Sitev	ide S102	(GFC-AM-0	32)
Docu	ıments transmit	tted							
	Drawings		Пс	ontract			Speci	fications	
Sa	amples		F	Plans			Chan	ge Order	
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# موافقات المشاريع



### KAFD Transmittal Form

To: Mi	r. Hussen M. Abdullah	1		Date: 25/02/2020	i		
Comp	any Name: SAUD CO	NSULT		Transmittal no.:	KAFD-RY-I	RIAO-S102-MAS	S-SCS-TRN-00010
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Material Approva	t itequest (minit)
Ref. No.: KAFD-RY-RIA0-S102-MAS-CON- MAR-00054	Request Date: 24-02-2019 / 14:30HRS
Project No. : KAFD-00155	
Supervision Consultant : Saud Consult	Contractor : Al Mashrik Company
Proposed Material Details (	
Contractor is responsible for providing sufficient information to allo  Civil Structural Architec	
HVAC   Plumbing   Lifts	tural
Manufacturer Details	Material/ Product Details
Name : Watania Steel Co.	Product Name : Rebars 10, 12 & 16mm Diameter
Address : Industrial City 2 Al Kharj Road	Description: Deformed Rebars for reinforce works
Email: waqar@wataniasteel.com	BoQ Item no. : Task Order # GFC-AM-032
Supplier/ Agent: Watania Steel Co.	Purpose/ Use: to be ued in Parcel 1.04 task order as per the requirement
Material/ Product Tech	
Technical Approval no.: NA	Attachment 1 ref. : Company Profile
Specification no. : ASTM A615.	Attachment 2 ref. : Legal Docs. & Quality Certificates
	Attachment 3 ref. : Test Reports
Alternative Spec. (if any):	Attachment 4 ref. : Local & Foreign Approvals
Submitted by (Name):	Submitted by (Signature):
Ali Salman Khalid / Muhammad Asif	mAZ
Site Supervision Co	neultant Daviou
	disultant Review
Commnets (include attachment if necessary):  **Random samples should	be tested and accepted
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Commnets (include attachment if necessary):  # Random samples should  Sor Sinal approval.  Does the proposed material meet the contract reconstruction of the proposed material meet the contract reconstruction of the proposed subject to Comments o	quirements for the proposed use and location? Insufficient Information   Rejected   Date:    Date:     Date:     Date:     Date:     Date:     Date:     Date:     Date:     Date:     Date:

# موافقات المشاريع











.: الاسكان		— NHC — 411111	الإسكان التنمودي  Developmental Heusing	عودية المحدودة	لعربية الس	ركة بارسونز ا	ALO	MRAN	POWERCHINA	中國水地 SINSHYDRO
		Sub-	Contractor	Subm	ittal	Form				
Submittal Re	f.	DHP-SH-PMO-SPQ	-SC-0042	Re	ev.	00	0	ate	2020.04.	11
Program Name	е	Developmental Housin	ng Program WAVE	#3	-		1000			
Project Title		Developmental Housin 193/194/195/196/19	ng for 13 projects (		o. C19	00-185 /1	86 /187	/ 188/ 1	1 65	10
Client	-	NHC - National Housing	ng Company						18/	
PM	39	SAPL -Saudi Arabian	Parsons Ltd.							
Engineer		Omran Engineering Co	onsultants			7			1.12	
Contractor	283	Sinohydro Corporation	Limited						OW	4414
									- IDA	ajuni.
Discipline	⊠ C	ivil	☐ Mechanical	□ Electr	ical	□ Othe	ersC	onsulta	nt	
Sub Contractor	/ C	allan Datallan								
Sub-Contractor	_					A	ttachme	ents		Yes/No
Name: Watania S Trade:	S(86) (	JO .LIG .					hamber lembers	of hip.	Commerce	yes
Location: P,O Bo	ox 162	02 Riyadh 11464 ,Kingdor	m of Saudi Arabia			L	icense			yes
Experience (Total	al No.	of Years): 12 years				0	ther Lice	enses (S	specify):	yes
Contact Name: N Mobile Number:+										
		d against any quality stand	dard?				re-Quali Specify):		Doc's	yes
Subcontractors	/ Sup	plier's Proposed Scope of	of Work in this proje	ect:		PE-2000 (1)	opecity).			
Steel Rebars										
						0	ompletic	n Cert	ificates for	yes
				-		I P	revious	Projects		,,,,
Contractor Sig	gnatu	res & Stamp:	6-	1						
Project Direct	OF	QA/QC	4 =	-	MEP			Const	ruction Ma	nager
1 mil	2	65-								nege.
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1	-	Signature		_	Date/ 1	Time				520050000
Submittal Stat	_	- I agriature			Dater	illie				
□ A- Approve	ed		with Comments	C- Re	vise a	nd Resubi	mit		D- Rejected	i
Engineer's Co	mme	nts:								
- Contractor to	o adh	ere to project specifica	ation for using ste	el rebars (	Gr.60,	420Mpa,	ASTM A	.615) 4/04/2	020	
PM's Commen	nte:						Has	r, 04, 2		
		/atania Steel Co .Ltd p	ore- qualifications	as the su	onlier 4	of Steel P	ehars			
No objection	OIIV	ratarila steer eo .Eta p	ne qualifications	as tric su	opiici (	or steer it	CDars.			
								Moham 01-05-2	ed Habola 2020	
011 11 0										
Client's Comm										
		ply with above comme e attached for each del		to site.					2	
								_		
Received By (	RI	EVED		Sec. 15.	4					

0 9 MAY 2020

Developmental Housing Program Management Office Shoothydro, KSA. مكتب فاروانشروه فسكان لشول . سنو منيو، شنكا طريمة فيعيدة



## **PROJECTS APPROVALS**

Waqar Asif BU017-MRC-CM-MAR-000006-00 Material Submit... 18/04/2020
MOHAMMED M. ALRASHID TRADING & CONTRACTIN... TRANSMITTAL MRC-TRANSMIT-000068

F&G Document Controller Re: Material Submittal for Al Watania Steel Rebars 5:15 PM
FAITHFUL & GOULD TRANSMITTAL FNG-TRANSMIT-000083

### Diriyah Art Oasis

8500 Prince Sattam Ibn Abdulaziz Al Shohda Dist AD DIRIYAH 12572 - 4000

Riyadh Saudi Arabia

MAIL TYPE MAIL NUMBER REFERENCE NUMBER

Transmittal FNG-TRANSMIT-000083 MRC-TRANSMIT-000068

FAITHFUL

### Re: Material Submittal for Al Watania Steel Rebars

From F&G Document Controller - Faithful & Gould

To Waqar Asif - MOHAMMED M. ALRASHID TRADING & CONTRACTING COMPANY (MARCO)

Cc (19) Mr Abdulghani Elsharkawy - Diriyah Gate Development Authority (+18 more...)

Sent Sunday, 26 April 2020 5:15:10 PM AST (GMT +03:00)

Reason For Information

Status N/A

DETAILS

Project Phase Construction Stage

Discipline Construction Management

Transmittal Number DGDA-FNG-PMC-TRN-001524

Additional Comments

### DOCUMENT ATTACHMENTS (1)

(1 selected)						
File	Document No	Revision	Revision Date	Title	Status	Date For Review
کہ		00	26/04/2020			

# موافقات المشاريع

Date For Revision File Document No Revision Title Status Date Review BU017-MRC-CM-Material Submittal B - Approved MAR-000006 for Al Watania with Comments Steel Rebars

### MESSAGE

Dear MARCO,

Please find attached Review Outcome of your submission regarding "
Rebars " the submission is Approved with Comments Code B

Material Submittal for Al Watania Steel , this is for your further compliance.

Kind Regards., M

### **Document Control Team**

### Diriyah Gate Development Project

Engineering, Design and Project Management Faithful+Gould

6<sup>th</sup> Floor, Hamad Tower, King Fahad Branch Road, PO Box 56684 <u>www.fgould.com</u>

From: W Asif

Sent: 18/04/2020 3:19:53 PM AST (GMT +03:00)

To: Vincent Pene

Cc: Sattam Aljehani, Abdulghani Elsharkawy, Elias Karam, Khalid Zafar, Umer Akber, F&G Document Controller, Dilek Dursun, Suj Khan, Shaylagh Thiel, NUNO FONSECA, Ahmad Samir, Andres Stiles, Muhammad Basit, Mohammad Saad, Marconie T. Hadji, Claudia

Sacristan, ANDREA SCHIATTARELLA, Mattia Urso Mail Number: MRC-TRANSMIT-000068

Subject: BU017-MRC-CM-MAR-000006-00 Material Submittal for Al Watania Steel Rebars

Project Phase:	Construction Stage
Discipline:	Construction Management
Transmittal	
Number:	
Additional	
Comments:	

Dear

Kindly find the attach MAT of \*Al Watania Steel Rebars\* for your review and approval.

# **PROJECTS APPROVALS**

Harden Headers Company NHC NHC	C	Jac		waleguhi TAMING GLOBAL CONTIANY L			**				
	PMC :		Consultant:	Terracio	O. File	1111		General			
National Housing Company		Dar al-handasah	Kh	Khatib & Alami Tamimi Global Company			any L	ıtd.			
		SUPPLIER PRE-Q	E-QUALIFICATION								
AR ME CV	LA	Submittal No.	S P - 1 9 1			1 R	lev.	0	0		
ST EE QS	ОТ	Date : 11/7/	1/7/2020 Contract Drawing No.								
To: Khatib & Alami		•	From: Tamimi Global Company Ltd.								
	Suppl	lier	Attachments								
	Descrip	otion				<u> </u>					ii.
Name:		WATANIA STE	EL	✓ Co	mpany	Profile					
Telephone No.:		112659494		✓ Va	lid Com	mercial F	Registrativo	Chilida	7		
Address:		Riyadh		✓ Va	lid Mem	bershic	Salphine Park	er of Comm	13/13	·	
Person in Charge and His Mobi	ile No	Mohammed/ 0562	676426				on Certific		Y	3	
Supplier's Qualifying Log:							certificate(		D	15	
Years of Experience (In Total):		12				101		Spring Insi	23A.	16	
Years of Experience In Saudi A	rabia	12		✓ Va	lid Saud	Tales (	ertificate	NO S AL	ami)	-	
				✓ Va	lid Cont	tractor ()	ssification Centificate				
				✓ Va	lid SAS	celf	age	RH192999	18	Y	
				✓ Au	ıthorize	Signato	m agg	STEPP PE	100		
MATERIAI TO SUPPIY: STEEL I							- (0	010010			
Approval of S	upplier	does not relieve contractor	of his respon	sibilities u	nder	contra	ct's term	1S.			
Contractor's Remarks:	-	1									
ات و الصيانة العالمة ذم م			Contractor O	utaoina							
Continctor Incoming Los At CO	4	(क्रिश्चीर	Signature:	utgoing.			Date:				
Consultant Comments:	مت		No.								
MURCIA HOUSING PROJE		الي ع ال	إلحاج الما	و مع م	Live	- 160	بالأوصم	لاع			
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,		المعاسرو الحاصر بالمبرو									
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For K&A:					90	= /70	1 . 1	200	0 E	N	
Signature:		Date: $(8 - )$	1-207.0		1		MEMI GLO MURCIA A	BAL CO. L.	TD.	1	
ACTION CODE:	_					8	PROJ	ECT	(4)		
A = Approved	_	C = Resubmit as Noted					03 05	20 10	90		
B Approved as noted		D = Disapproved									
NOTE: The Client - National Housing	ng Com	pany (NHC) has the author	rity to approv	e/disappr	ove th	e supp	lier witl	hout any	objecti	on fr	rom

# موافقات المشاريع

Project Title	The Avenues	Rivada . Pi	nace 1 Mail				
Construction	A Description And Section 1	niyaun - ri	lase i Maii	Contract No.			
Supervision	PACE			PMC	AECO	MC	
Consultant Contractor	Nesma & Parti	oom Co		TR Number			-061
Revision	00	1013 00.		Date	MD-AVR1-CIV-06		
				Date		1,000 IL 0000	
			nings/documents/samples listed b	elow.			
le certify that the litern	Noted ballow is in st		nce with the contract documents.				
Oty Draw Spe	oc. or 800. Ref.	Seq. No.	Descripti	gri	+ Type	Submitted for	Action
03	30 00		Steel Rebar		MD	Approval	В
		-	For Cast-In-Place		-		
			Brand : Wata Country of Origin :		-		
			New Industrial City, New Al-Khari Road		183		
Previous Relation	Rev No.		Division Continues Continu				
Status	Action Code:						
Contractor to submit of		namittel.					
Submitted for: 1	Approvali	2 - Your	Information				7
etion: A - Approv		Approved a		Noted. Resubmit	C - Not App	poved	
Type: SD - Shop Dr SM - Sample	awings TS RM	For Informat  Test Report  Re-Measu  Variation	t CT - Certificates promont OT Other	MC - Mock-up MD - Manufacturer	Data IIP	- Method Stater Inspection & Te IFC Drawings	nent st Plan
GT - Guerani	90 71		SC - Structural Caldular	da da	4	1 SECRETARIA 5 2 3	_
Sub-Contract	or	name and	Signature	Can	/_	/	
Contractor's i	PM.	name and	signáturu	S da	16 1	06/20	324
			Project Director	Contractor		PMC 🗌	
SHOWING SAME AND	player 🗌					Thin the	
opies to: En Construction Supervise 1 - Alwatania steel is	n Consultant's app approved for cast	t in place co	entis Code B - Approved as oncrete 2 Necessary tests m	Noted oust be carried out on a	ill rebar dia	meters.	
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Project Director

Emplayer 🔲

Distributions

PMC [

Contractor

# **PROJECTS APPROVALS**

### **General Services**

Facilities Management
Facilities Technical Support Dept.
FACILITIES PROJECTS DIVISION



نشاط الخدمات العامة قطاع خدمات المرافق إدارة المساندة الفنية للمرافق دائرة مشاريع المرافق

### REVIEW OF CONTRACTOR'S SUBMITTAL

PROJECT TIT	ΓLE:	Cons	truction of Fire Stati	on Building at Q	ASSIM PP			FPD-k	(-QPP-C01-REV.01
CONTRACT	NUMBER:	440002	16276		PROJECT NUMBE				
TO: TSD / CO SEC-CD		ON MAN	AGEMENT DIVISION		FROM (		ctor): am Est for Ge	neral (	Contract
		OWING S	SUBMITTAL IS HEREBY	REQUESTED:					
Check Appro	priate Box:								
	ngs/Sketch	$\boxtimes$	Materials/Equipm	nent [	Oth	ners (Sp	pecify):		
FILL-UP APP	LICABLE INF	ORMATI	ON BELOW:						
Description		F	teinforcing & Deforn	ned Steel Bars					
Reference S	pecification	: P	TS Section 03200, P	age no. 136-138					
Manufactur	er / Suppliei	r: V	VATANIA						
Vendor Add	ress:	V	Vatania Factory, Dar	mmam, Riyadh,	Qassim				
Expected De	elivery Time:	: 2	Weeks						
COMPLYING	WITH SPEC	IFICATIO	N(S)?			YES			NO
IF "NO" IND	ICATE DEVIA	TIONS: (	Provide Justification	and Attach Sup	porting D	ocume	nts)		
Submitte	d By (Con	tracto	r)		Receiv	ed By	(FTSD/FP	Divis	sion)
Signature:	Ragner &	ranjan			Signatur	re:	انسكن		
Name:	Rajeev Rar	njan			Name:	N	ladir Kamal		
Date:	16 <sup>Th</sup> Aug 2	022			Date:	1	.6/08/2022		
			FOR SEC-EOA	/ FTSD / FP D	ivision U	Jse On	ıly		
TSD/CM DIV	ISION HAVE	REVIEW	'ED		REMAR	<s:< td=""><td></td><td></td><td></td></s:<>			
THIS SUBMI	TTAL AND F	OUND IT	•		Samples	of reb	ars will be tak	en aft	er material
					delivery	to site	for laborator	y test	
ACCE	PTABLE								
ACCE	PTABLE AS N	IOTED							
□ NOT A	ACCEPTABLE								
	IDE ADDITIC		ORMATION						
☐ CORR	ECT AND RE	SUBMIT							
Signature:	- 45-003	>			Receive (Contra	,	Signature		
Name:	Nadir Kam	al			(COIILI	actorj	Name:		
Date:	16/08/202	2					Date:		
Notes:	Acceptanc	e/approv	al of this submittal	does not release	the Cont	ractor	from perform	ing the	e Work in strict
			e Contract Drawings				·		
	No materia	als shall l	oe installed in this pr	roject unless the	delivered	d mater	ials are inspe	cted a	nd duly verified in
	conformar	ice with	the approved sample	e/materials (Ma	terial Insp	ection	Request is re-	guired	).

كموذج (22) نموذج

ISS SASO Test Reports	120
ISO-6935-2 GR500B Wimpey Laboratories Dubai	128
Watania Steel MTCs & Technical Data Sheet	140



# **TEST REPORTS**





Dhahran Jubail Highway P.O.Box-11501, Dammam 31463 Tel: +966 13 8227486 Fax: +966 13 8448833 issml@issksa.com www.issksa.com



# شُنهادة اخْتَبان رفم: TBC WATANIA 20220225-1

كاريخ: 2022/04/04

ASTM A370 ASTM E290 ASTM E415	كود الإختيار	شركة مصنع حديد الوطنية	إسم الشركة العنوان عناية	
ASTM A751 SASO ASTM A615M:2020	المواصقة	الرياض		
12 mm	قطر العيشة	MOHD ABU TURAB		
حدید تسلیح	توع العيثة	20220225	لرقم التسلسلي	
ASTM A615-Gr 80	خامة الحديد	2022/03/23	ناريخ الإستلام	
المملكة العربية السعودية	يلد المنشأ	en house	0.000	
NS-16/01/01	رقم الصبة	شركة مصنع حديد الوطنية	إسم المصتع	
Environmental condition: Room Temperature	during the test @ 22.5°C			

### النتيجة النهانية

تم إجراء الإختبارات التالية حسب المواصفة :

	نوع الإختيار	نتيجة الإختبار حسب المواصفة	ملاحظات
.1	إختيار الشد	مطابقة للمواصفات	5
.2	إختيار الثثي	مطابقة للمواصفات	<del></del>
.3	بطاقة البياثات و علامات السيخ	مطابقة المراصفات	100
.4	التحليل الكيمياني	مطابقة للمواصفات	
.5	قياس الأبعاد	مطابقة للمراصفات	
,6	إختيار المظهر	مطابقة للمواصفات	922

Page 1 of 4

Approved by Eng. Bassam Al-Omari Mechanical Testing Dep. Manager

Test Method Variation: NONE

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FORM NO INSTALLATION REV. IN CREATING THE PROPERTY OF THE PROPERTY Rev Di 26 April









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### شهادة اختبار رف: 1-155 TBC WATANIA 20220225

كاريخ: 2022/04/04

إسم الشركة	شركة مصنع حديد الوطنية	كود الإختبار	ASTM A370 ASTM E290 ASTM E415 ASTM A751
العقوان	الرياض	المواصفة	SASO ASTM A615M:2020
عناية	MOHD ABU TURAB	قطر العينة	12 mm
الرقم التسلسلي	20220225	نوع العينة	حديد تسليح
تاريخ الإستلام	2022/03/23	خامة الحديد	ASTM A615-Gr 80
	100 0 100	بلد المنشأ	المملكة العربية السعودية
إسم المصنع	شركة مصنع حديد الوطنية	رقم الصبة	NS-16/01/01

### نتاتج الإختبارات

### 1. إختبار الشد

الإستطالة (%)	نسبة مقاومة الشد إلى إجهاد الخضوع	مقاومة الشد (MPa)	إجهاد الخضوع (MPa)	مساحة المقطع ( mm²)	قطر العينة (mm)
9.55	1.22	760.08	623.20	113	12
Min. 7	Min. 1.10	Min. 690	Min. 550	حسب المواصفة	النتائج المطلوبة

نتانج إختبار الشد - مقبولة

2. إختبار الثني

لم يلاحظ أي شروخ أو تصدعات على سطح العينة - مقبولة

### 3. بطاقة البيانات و علامات السيخ

ملاحظات	الحالة	البيانات المطلوبة
	مطابقة للمواصفات	إسم المصنع
	مطابقة للمواصفات	خامة الحديد و المواصفة المُثَّبَع
	مطابقة للمواصفات	أبعاد السيخ
	مطابقة للمواصفات	عدد الأسياخ
	مطابقة للمواصفات	الوزن
	السان مطابقة للمواصفات	رقم الصبة
	مرني مطابقة للمواصفات	طد المنشأ التي الم

Page 2 of 4

Approved by
Eng. Bassam Al-Omari
Mechanical Testing Dep. Manager

Test Method Variation: NONE

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## **TEST REPORTS**





Dhahran Jubail Highway P.O.Box-11501, Dammam 31463 Tel: +966 13 8227486 Fax: +966 13 8448833 issml@issksa.com www.issksa.com



شهادة الحُتيان رةم: TBC WATANIA 20220225-1

تاريخ: 2022/04/04

إسم الشركة	شركة مصنع حديد الوطنية	كود الإختيار	ASTM A370 ASTM E290 ASTM E415 ASTM A751
العقوان	الرياض	المواصقة	SASO ASTM A615M:2020
عناية	MOHD ABU TURAB	قطر العينة	12 mm
الرقم التسلسلي	20220225	توع العينة	حدید تسلیح
تاريخ الإستلام	2022/03/23	خامة الحديد	ASTM A615-Gr 80
1900000000	200	يك المنشأ	المملكة العربية السعودية
إسم المصنع	شركة مصنع حديد الوطنية	رقم الصبة	NS-16/01/01

علامات السيخ - مقبولة

# Manuschi Maksalle Ve Ve Ve Ve Ve

4. التحليل الكيميائي

Measure	Unit	Base Metal	النسية المطلوبة
Carbon (C)	%	0.24	<del>22</del> 2
Manganese (Mn)	%	0.83	
Phosphorous (P)	%	0.012	Max. 0.075
Sulfur (S)	%	0.029	##S
78.00			نتانج التحليل الكيمياني مقبولة

Page 3 of 4

Approved by
Eng. Bassam Al-Omari
Mechanical Testing Dep. Manager

Test Method Variation: NONE

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شهادة اختبار رفر: TBC WATANIA 20220225-1

2022/04/04 :خربخ:

إسم الشركة	شركة مصنع حديد الوطنية	كود الإختيار	ASTM A370 ASTM E290 ASTM E415 ASTM A751
العقوان	الرياض	المواصقة	SASO ASTM A615M:2020
عناية	MOHD ABU TURAB	قطر العيثة	12 mm
الرقع التسلسلي	20220225	نوع العينة	حديد تسارح
تاريخ الإستلام	2022/03/23	خامة الحديد	ASTM A615-Gr 80
إسم المصنع	شركة مصنع حديد الوطنية	يلد المنشا	السلكة العربية السعودية
	مرحه مصنع عنيد تومنيه	رقم الصية	NS-16/01/01

### 5. قياس الأبعاد

نوع القياس	القياس	القياس المطلوب
قطر العينة	12 ملم	12 ملم
مساحة المقطع	113 ملم²	113 ملم²
متوسط إرتفاع النتوءات	0.96 ملم	لا يقل عن 0.48 ملم
متوسط المسافة بين النتوءات	8.26 ملم	لا تزيد عن 8.4 ملم
لمسافات الخالية من النتوءات على محيط المقطع العرضي للمنيخ	2.64 ملم	لا تزيد عن 4.6 ملم
الكتلة الخطية	0.85572 كجم/م (96.4%)	لايقل عن 0.83472 كجم/م (94%)
ميل النتوءات	53.0 درجة	لايقل عن 45 درجة

قياسات الأبعاد للعينة مطابق للمواصفات المطلوبة حمقبولة

6. إختبار المظهر لم يلاحظ أي عيوب أو تصدعات على العينة - مقبولة

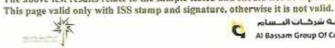
Page 4 of 4

Approved by Eng. Bassam Al-Omari Mechanical Testing Dep. Manager

Test Method Variation: NONE

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# **TEST REPORTS**





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### شهادة اختبار TBC WATANIA 20220225-2:45

كاريخ: 2022/04/04

ASTM A370 ASTM E290 ASTM E415 ASTM A751	كود الإغتبار	شركة مصنع حديد الوطنية	اسم الشركة
SASO ASTM A615M:2020	المواصقة	الرياض	العقوان
16 mm	قطر العينة	MOHD ABU TURAB	عناية
حدید تسلیح	نوع العينة	20220225	الرقم التسلملي
ASTM A615-Gr 80	خامة الحديد	2022/03/23	تاريخ الإستلام
المملكة العربية المعودية	يلد المثشا	4/404/00/00/00/00	
NS-09-01-06	رقم الصبة	شركه مصنع حديد الوطنيه	إسم العصنع
ASTM A615-Gr 80 السلكة العربية السعونية	خامة الحديد بلد المنشا رقم الصبة		The second second second

### النتيجة النهانية

تم إجراء الإختبارات التالية حسب المواصفة:

	ثوع الإختبار	تتيجة الإختيار حسب المواصفة	ملاحظات
.1	إختيار الشد	مطابقة للمواصفات	
.2	إختبار الثثي	مطابقة للمواصفات	(minute)
.3	بطاقة البيانات و علامات السيخ	مطايقة السراصفات	
.4	التحليل الكيمياني	مطابقة للمواصفات	-
.5	قياس الأبعاد	مطابقة للمواصفات	
.6	إختيار المظهر	مطابقة للمواصفات	222

Page 1 of 4

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Test Method Variation: NONE

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### شهادة اختبار رةم:2-3220225-2 TBC WATANIA

كاريخ: 2022/04/04

كود الإ	شركة مصنع حديد الوطنية	إسم الشركة
المواص	الرياض	العقوان
قطر الـ	MOHD ABU TURAB	عناية
نوع ال	20220225	الرقم التسلسلي
خامة ا	2022/03/23	تاريخ الإستلام
يلد الم	40.5 44.5	
رقم الع	شركه مصنع حديد الوطنيه	إسم المصنع
-	المواص قطر ال نوع ال خامة اا بلد المة رقم الم the test @ 22.5°C	MOHD ABU TURAB       قطر الله         20220225       نوع الله         2022/03/23       خامة الله         بلد المة       بلد المة         شركة مصنع حديد الوطنية       رقم الم

### نتاتج الإختبارات

إختبار الشد

الإستطالة (%)	نسبة مقاومة الشد إلى إجهاد الخضوع	مقاومة الشد (MPa)	إجهاد الخضوع (MPa)	مساحة المقطع ( mm²)	قطر العينة (mm)
13.41	1.26	747.08	593.72	201	16
Min. 7	Min. 1.10	Min. 690	Min. 550	حسب المواصفة	النتانج المطلوبة

نتانج إختبار الشد - مقبولة

2. إختبار الثني

لم يلاحظ أيُّ شروخ أو تصدعات على سطح العينة - مقبولة

3. بطاقة البيانات وعلامات السيخ

ملاحظات	الحالة	البيانات المطلوبة			
	مطابقة للمواصفات	إسم المصنع			
	مطابقة ثلمواصفات	خامة الحديد والمواصفة المُثَّبَع			
	مطابقة للمواصفات	أبعاد السيخ			
	مطابقة للمواصفات	عدد الأسياخ			
	مطابقة للمواصفات	الوزن			
	مطابقة للمواصفات	رقم الصبة القالما			
	المعالقة للمواصفات	طد المنشأ الي			

Page 2 of 4

Test Method Variation: NONE

C.R. 2050024504

Approved by
Eng. Bassam Al-Omari
Mechanical Testing Dep. Manager

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شُنهادة اختبان رَمَ:2-25220225 TBC WATANIA

2022/04/04 : 2022/04/04

إسم الشركة	شركة مصفع حديد الوطنية	كود الإختبار	ASTM A370 ASTM E290 ASTM E415 ASTM A751
العتوان	الرياض	المواصقة	SASO ASTM A615M:2020
عناية	MOHD ABU TURAB	قطر العيثة	16 mm
الرقم التسلسلي	20220225	نوع العينة	حديد تسليح
تاريخ الإستلام	2022/03/23	خامة الحديد	ASTM A615-Gr 80
1940 W 10	20.00	بلد المنشأ	المملكة العربية السعودية
إسم المصنع	شركة مصنع حديد الوطنية	رقم الصية	NS-09-01-06

علامات السيخ - مقبولة

# WOUDDING SAME BUSINED

4. التحليل الكيميائي

Measure	Unit	Base Metal	النسبة المطلوبة
Carbon (C)	%	0.28	**
Manganese (Mn)	%	1.05	
Phosphorous (P)	%	0.020	Max. 0.075
Sulfur (S)	%	0.033	##C
			نتاتج التحليل الكيمياتي مقبولة

Page 3 of 4

Approved by
Eng. Bassam Al-Omari
Mechanical Testing Dep. Manager

Test Method Variation: NONE

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### شهادة اختبار رآم: TBC WATANIA 20220225-2

كاريخ: 2022/04/04

إسم الشركة	شركة مصنع حديد الوطنية	كود الإختيار	ASTM A370 ASTM E290 ASTM E415 ASTM A751
العقوان	الرياض	المواصفة	SASO ASTM A615M:2020
عثاية	MOHD ABU TURAB	قطر العيتة	16 mm
الرقم التسلسلي	20220225	نوع العينة	حديد تسليح
تاريخ الإستلام	2022/03/23	خامة الحديد	ASTM A615-Gr 80
2 2 3	** * * * * *	يلد المتشا	المملكة العربية السعودية
إسم المصقع	شركة مصنع حديد الوطنية	رقم الصبية	NS-09-01-06

قياس الأبعاد

القياس المطلوب	القياس	نوع القياس
16 ملم	16 ملم	قطر العينة
201 ملم²	201 ملم²	مساحة المقطع
لايقل عن 0.72 ملم	1.09 ملم	متوسط إرتفاع النتوءات
لا تزيد عن 11.2 ملم	10.92 ملم	متوسط المسافة بين النتوءات
لا تزيد عن 6.1 ملم	2.53 ملم	المسافات الخالية من النتوءات على محيط المقطع العرضي للسيخ
لايقل عن 1.48332 كجم/م (94%)	1.54150 كجم/م (97.7%)	الكتلة الخطية
لايقل عن 45 درجة	53.9 درجة	ميل النتوءات

قياسات الأبعاد للعينة مطابق للمواصفات المطلوبة كتبولة

إختيار المظهر

Page 4 of 4

Approved by Eng. Bassam Al-Omari Mechanical Testing Dep. Manager

Test Method Variation; NONE

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### **TEST REPORT ON MECHANICAL PROPERTIES OF STEEL BARS**

Information Provided to the Laboratory : Intertek international Limited

Customer Client : N.G Consultant : N.G : N.G

Project Sample Description : Steel Bar-16mm : 500 B Grade of steel

Source **Laboratory Information** 

Sampled By Sample Size (Nos.) Marking of steel : N.G 1.05 : //KSA//16///////B500B-R

Test Location

: Civil Specialty Lab : SC : SK

Tested by Verified By

: Watania Steel Supplier : N.G Location

Client Reference : BATCH#WC-4841 Sample Certificate : N.G Sampling Date : N.G Sampling Time : N.G

Report No.

Sample No. Report Date Sample Receiving Date Date of Test

: WLRP21-0418/3 : WSP21-0418/3 : 17/02/2021 : 07/02/2021

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Sample No.		WSP21-0418/3	1	Chandred Deputement	
Sample Reference	Sample Reference 1 2 3		1 2 3		Standard Requirements ISO 6935-2
Nominal Diameter (mm)			16		
Mass Per Meter	(kg/m)	1.530	1.560	1.550	1.50-1.65
Effective cross sectional area	(mm²)	194.9	198.7	197.5	9 1
Deviation from nominal cross sec. area	(%)	-3	-1	-2	-
Yield Strength (Re)	(N/mm²)	553	549	541	>500
Tensile strength (Rm)	(N/mm²)	650	642	636	>550
Stress Ratio (Rm/Re)		1.18	1.17	1,18	Minimum 1.05
Percentage Elongation at Max. force (A	ot) (%)	8.2	7.2	6.8	Minimum 2.5%
Percentage Elongation after fracture	(%)	21.6	23.7	20.5	Minimum 14%

Test Specifications Tensile Test Method Bend Test Method

: ISO 6935-2 : ISO 6892-1:2019 : ISO 10065 : ISO 10065 : None

Room Temperature · 23+290 N.A. = Not applicable

N.G = Not Given

### Bend & Re-bend Test

Rebend Test Method Method variation

Nominal Diameter	16	51-4-45-45-4
Sample No.	WSP21-0418/3	Standard Requirements ISO 6935-2
Sample Reference	4	150 0935-2
Bend Test	No signs of transverse rupture on the surface of the sample (PASS)	There shall be no transverse rupture on the surface of the metal
Re-Bend Test	No sign of fracture or cracks observed (PASS)	The specimen shall show no sign of fracture or cracks visible to a person of normal or corrected eyes.

Remark: None.

Signed for and on behalf of Wimpey Laboratories

S. Sarrach Kurnstr
Spinion Technician
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### **TEST REPORT ON MECHANICAL PROPERTIES OF STEEL BARS**

Information Provided to the Laboratory

Customer : Intertek international Limited Client : N.G Consultant : N.G : N.G

Project Sample Description : Steel Bar-14mm Grade of steel : 500 B

Source Laboratory Information

Sampled By Sample Size (Nos.) : N.G.

Marking of steel : //KSA//14///////8500B-R

: Civil Specialty Lab Test Location

Verified By : SK

: Watania Steel Supplier

: N.G

Location Client Reference : BATCH#WA-5044

Sample Certificate : N.G Sampling Date : N.G Sampling Time : N.G

Report No. Sample No.

Report Date Sample Receiving Date Date of Test : 14/02/2021

: WLRP21-0418/2 : WSP21-0418/2 : 17/02/2021 : 07/02/2021

### 

Tensile Test					
Sample No.		WSP21-0418/2	2	Standard Requirements	
Sample Reference		1	2	3	ISO 6935-2
Nominal Diameter	(mm)		. 14		
Mass Per Meter	(kg/m)	1.190	1.170	1.180	1.149-1.271
Effective cross sectional area	(mm²)	151.5	149.0	150.3	
Deviation from nominal cross sec. a	rea (%)	-1	-3	-2	
Yield Strength (Re)	(N/mm²)	538	540	546	>500
Tensile strength (Rm)	(N/mm²)	644	649	652	>550
Stress Ratio (Rm/Re)		1.20	1.20	1.19	Minimum 1.05
Percentage Elongation at Max. force	(Agt) (%)	7.3	9.0	8.2	Minimum 2,5%
Percentage Elongation after fracture	(%)	23.6	21.9	20.5	Minimum 14%

: 150 6935-2 Test Specifications : ISO 6892-1:2019 Tensile Test Method Bend Test Method : 150 10065

Rebend Test Method Method variation : ISO 10065 : None Room Temperature : 23±2°C

N.A. = Not applicable N.G = Not Given

### Bend & Re-bend Test

Nominal Diameter	14	Standard Requirements		
Sample No.	WSP21-0418/2	ISO 6935-2		
Sample Reference	4	130 033 1		
Bend Test	No signs of transverse rupture on the surface of the sample (PASS)	There shall be no transverse rupture on the surface of the metal		
Re-Bend Test	No sign of fracture or cracks observed (PASS)	The specimen shall show no sign of fracture or cracks visible to a person of normal or corrected eyes.		

Remark: None.

Signed for and on behalf of Wimpey Laboratories

Sarath Kumap

Senior/Technician
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### **TEST REPORT ON MECHANICAL PROPERTIES OF STEEL BARS**

Information Provided to the Laboratory : Intertek international Limited

Customer Client : N.G Consultant : N.G : N.G

Project Sample Description : Steel Bar-16mm : 500 B Grade of steel

Source **Laboratory Information** 

Sampled By Sample Size (Nos.) Marking of steel : N.G 1.05 : //KSA//16///////B500B-R

Test Location

: Civil Specialty Lab : SC : SK

Tested by Verified By

: Watania Steel Supplier : N.G Location

Client Reference : BATCH#WC-4841 Sample Certificate : N.G Sampling Date : N.G Sampling Time : N.G

Report No.

Sample No. Report Date Sample Receiving Date Date of Test

: WLRP21-0418/3 : WSP21-0418/3 : 17/02/2021 : 07/02/2021

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Sample No.		WSP21-0418/3	1	Chandred Deputement	
Sample Reference	Sample Reference 1 2 3		1 2 3		Standard Requirements ISO 6935-2
Nominal Diameter (mm)			16		
Mass Per Meter	(kg/m)	1.530	1.560	1.550	1.50-1.65
Effective cross sectional area	(mm²)	194.9	198.7	197.5	9 1
Deviation from nominal cross sec. area	(%)	-3	-1	-2	-
Yield Strength (Re)	(N/mm²)	553	549	541	>500
Tensile strength (Rm)	(N/mm²)	650	642	636	>550
Stress Ratio (Rm/Re)		1.18	1.17	1,18	Minimum 1.05
Percentage Elongation at Max. force (A	ot) (%)	8.2	7.2	6.8	Minimum 2.5%
Percentage Elongation after fracture	(%)	21.6	23.7	20.5	Minimum 14%

Test Specifications Tensile Test Method Bend Test Method

: ISO 6935-2 : ISO 6892-1:2019 : ISO 10065 : ISO 10065 : None

Room Temperature · 23+290 N.A. = Not applicable

N.G = Not Given

### Bend & Re-bend Test

Rebend Test Method Method variation

Nominal Diameter	16	51-4-45-45-4
Sample No.	WSP21-0418/3	Standard Requirements ISO 6935-2
Sample Reference	4	150 0935-2
Bend Test	No signs of transverse rupture on the surface of the sample (PASS)	There shall be no transverse rupture on the surface of the metal
Re-Bend Test	No sign of fracture or cracks observed (PASS)	The specimen shall show no sign of fracture or cracks visible to a person of normal or corrected eyes.

Remark: None.

Signed for and on behalf of Wimpey Laboratories

S. Sarrach Kurnstr
Spinion Technician
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### **TEST REPORT ON MECHANICAL PROPERTIES OF STEEL BARS**

Information Provided to the Laboratory

Customer : Intertek international Limited Supplier : Watania Steel Client : N.G : N.G Location Consultant : N.G Client Reference : BATCH#W8-9448

Project : N.G Sample Certificate : N.G Sample Description Grade of steel : Steel Bar-20mm : 500 B Sampling Date : N.G Sampling Time : N.G

**Laboratory Information** 

Sampled By Sample Size (Nos.) : N.G Report No. : WLRP21-0418/4 : WSP21-0418/4 : 05 Sample No.

Marking of steel : //KSA//20///////BS00B-R Report Date : 17/02/2021 Test Location : Civil Specialty Lab : SC Sample Receiving Date : 07/02/2021 Date of Test : 14/02/2021 Tested by

Verified By : SK

### Tensile Test

Source

Sample No. Sample Reference Nominal Diameter (mm)			WSP21-0418/		
		1 2 3		3	Standard Requirements ISO 6935-2
		20			
Mass Per Meter	(kg/m)	2.42	2.45	2.40	2.35-2.59
Effective cross sectional area	(mm²)	308.3	312.1	305.7	-
Deviation from nominal cross sec, area	(%)	-2	-1	-3	
Yield Strength (Re)	(N/mm <sup>2</sup> )	540	553	546	>500
Tensile strength (Rm)	(N/mm²)	649	650	640	>550
Stress Ratio (Rm/Re)		1.20	1.18	1.17	Minimum 1,05
Percentage Bongation at Max. force (Agt) (%)		8.3	7.4	8.0	Minimum 2.5%
Percentage Elongation after fracture	(%)	23.6	21.2	21.9	Minimum 14%

Test Specifications Tensile Test Method Bend Test Method : ISO 6892-1:2019 : ISO 10065 Rebend Test Method

Method variation : None : 23+2°C Room Temperature

N.A. = Not applicable N.G = Not Given

### Bend & Re-bend Test

Nominal Diameter	20					
Sample No.	WSP21-0418/4	Standard Requirements ISO 6935-2				
Sample Reference	4	150 6935-2				
Bend Test	No signs of transverse rupture on the surface of the sample (PASS)	There shall be no transverse rupture on the surface of the metal				
Re-Bend Test	No sign of fracture or cracks observed (PASS)	The specimen shall show no sign of fracture or cracks visible to a person of normal or corrected eyes.				

Remarks None.

Signed for and on behalf of Wimpey Laboratories

S. Sarath Kumar Sentor Technician

Test negative relater only to the samples tested.

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# بسرات ويسمبسي WIMPEY LABORATORIES



### TEST REPORT ON CHEMICAL PARAMETERS FOR STEEL BARS

Customer : Intertek international Limited Report No. : WLRP21-0418/5 Client : N.G Sample No. : WSP21-0418/1 : 17/02/2021 Consultant : N.G Report Date Sample Receiving Date : 07/02/2021 Sample Description : Steel Bar-12mm : 14/02/2021 Grade of steel : 8-5008 Date of Test Marking of steel : //KSA//12//////B500B-R Sample Certificate : N.G Source : Watania Steel Sampled By Sampling Date : N.G Supplier : N.G : N.G Sampling Time : N.G Location Client Reference : Batch # WB-9575 Sample Size (Nos.) : 05 Lot No : N.G Project : N.G Sample Identification Lot Size : N.G : N.G Tested by t SC

### Chemical Analysis

Test	Test Method	Unit	Results	Specification Limits (ISO 6935-2)
Carbon			0.20	0.22
Sulphur			0.036	0.050
Phosphorous			0.034	0.050
Nitrogen			0.009	0.012
CEV			0.25	0.50
Silicon	ASTM E 415	Of his many	0.26	0.60
Manganese	(Optical Emission Spectrometry)	% by mass	0.033	1.60
Chromium	- Spectrometry)		0.038	Je:
Molybdenum			0.051	-
Vanadium			0.0027	
Nickel			0.0733	
Copper			0.25	

Remarks: Pass- The above tested steel meets the Standard requirements.

Signed for and on behalf of Wimpey Laboratories

S Sarath Kumar Senior Technician

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### TEST REPORT ON CHEMICAL PARAMETERS FOR STEEL BARS

: Intertek international Limited Report No. : WLRP21-0418/6 Client : N.G Sample No. : WSP21-0418/2 Consultant : N.G Report Date : 17/02/2021 Sample Description : Steel Bar-14mm Sample Receiving Date : 07/02/2021 Grade of steel : B-500B Date of Test : 14/02/2021 : //KSA//14///////B500B-R Marking of steel Sample Certificate : N.G Source : Watania Steel Sampled By : N.G : N.G Supplier Sampling Date : N.G : N.G Sampling Time : N.G Client Reference : Batch # WA-5044 Sample Size (Nos.) : 05 Project : N.G Lot No. : N.G Sample Identification : N.G Lot Size : N.G

Tested by

### Chemical Analysis

Test	Test Method	Unit	Results	Specification Limits (ISO 6935-2)
Carbon			0.16	0.22
Sulphur			0.030	0.050
Phosphorous			0.021	0.050
Nitrogen			0.007	0.012
CEV	107115 445	cal Emission % by mass ectrometry)	0.21	0.50
Silicon			0.29	0.60
Manganese			0.036	1.60
Chromium	Spectrometry)		0.034	-
Molybdenum			0.058	-
Vanadium			0.0027	
Nickel			0.0739	
Copper			0.28	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Remarks: Pass- The above tested steel meets the Standard requirements.

Signed for and on behalf of Wimpey Laboratories

S.Sarath Kumar Senior Technician

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

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# بسرات ويسمبسي WIMPEY LABORATORIES

### TEST REPORT ON CHEMICAL PARAMETERS FOR STEEL BARS

Customer		Intertek international Limited	Report No.	1	WLRP21-0418/7
Client	:	N.G	Sample No.	÷	WSP21-0418/3
Consultant	**	N.G	Report Date	i	17/02/2021
Sample Descrip	ption :	Steel Bar-16mm	Sample Receiving Date	*	07/02/2021
Grade of steel	: :	B-500B	Date of Test	:	14/02/2021
Marking of stee	el :	//KSA//16///////B500B-R	Sample Certificate	ï	N.G
Source	15	Watania Steel	Sampled By	*	N.G
Supplier	1	N.G	Sampling Date	1	N.G
Location		N.G	Sampling Time	ŝ	N.G
Client Reference	e :	Batch # WC-4841	Sample Size (Nos.)	1	05
Project	4	N.G	Lot No	*	N.G
Sample Identifi	cation :	N.G	Lot Size		N.G
			Tested by		SC

### Chemical Analysis

Test	Test Method	Unit	Results	Specification Limits (ISO 6935-2)
Carbon			0.17	0.22
Sulphur			0.034	0.050
Phosphorous			0.029	0.050
Nitrogen			0.010	0.012
CEV	ACTIA E 445	mission % by mass	0.21	0.50
Silicon	ASTM E 415		0.35	0.60
Manganese	(Optical Emission		0.020	1.60
Chromium	Spectrometry)		0.036	-
Molybdenum			0.050	- 4
Vanadium			0.0024	- 4
Nickel			0.0746	(4)
Copper			0.25	(+)

Remarks: Pass- The above tested steel meets the Standard requirements.

Signed for and on behalf of Wimpey Laboratories

S.Sarath Kumar

Senior Technician
Test results relate only to the samples tested.

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### TEST REPORT ON CHEMICAL PARAMETERS FOR STEEL BARS

Customer : Intertek international Limited : WLRP21-0418/8 Report No. Client : N.G Sample No. : WSP21-0418/4 Consultant : N.G Report Date : 17/02/2021 Sample Description : Steel Bar-20mm Sample Receiving Date : 07/02/2021 Grade of steel : B-500B Date of Test : 14/02/2021 Marking of steel : //KSA//20///////B500B-R Sample Certificate : N.G Source : Watania Steel Sampled By : N.G : N.G Supplier Sampling Date : N.G Location : N.G Sampling Time : N.G Client Reference : Batch # WB-9448 Sample Size (Nos.) : 05 Project : N.G Lot No : N.G Sample Identification : N.G Lot Size † N.G Tested by : SC

### Chemical Analysis

Test	Test Method	Unit	Results	Specification Limits (ISO 6935-2)
Carbon			0.18	0.22
Sulphur			0.025	0.050
Phosphorous			0.020	0.050
Nitrogen			0.006	0.012
CEV	107115 115	mission % by mass	0.23	0.50
Silicon	ASTM E 415		0.45	0.60
Manganese	(Optical Emission		0.029	1.60
Chromium	Spectrometry)		0.030	-
Molybdenum			0.057	100
Vanadium			0.0028	
Nickel			0.0752	
Copper			0.29	

Remarks: Pass- The above tested steel meets the Standard requirements.

Signed for and on behalf of Wimpey Laboratories

S.Sarath Kumar Senior Technician

Fest results relate only to the samples tested.

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—End of text-





### TEST REPORT ON RIB MEASUREMENTS OF STEEL BARS

Customer : Intertek international Limited Report No. : WLRP21-0418/9 Client : N.G Sample No. : WSP21-0418/1 Consultant : N.G Report Date : 17/02/2021 Sample Description : Steel Bar-12mm Sample Receiving Date : 07/02/2021 Grade of steel : 500B Date of Test : 14/02/2021 : //KSA//12///////B500B-R Marking of steel Sample Certificate : N.G Source : Watania Steel Sampled By : N.G Supplier : N.G Sampling Date : N.G Location : N.G Sampling Time : N.G Sample Identification ; N.G Sample Size (Nos.) : 5 Project : N.G Lot Size : N.G Sample Brought by : N.G Lot No. : N.G Tested by

### Results

Test Method

: ISO 6935-2

Test	Unit	Results
Rib Height	mm	1.31
Rib Spacing	mm	6.83

Remarks: None

Signed for and on behalf of Wimpey Laboratories

S.Sarath Kumar Senior Technician

Test results relate only to the samples tested.

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-End of text-





### TEST REPORT ON RIB MEASUREMENTS OF STEEL BARS

Customer	:	Intertek international Limited	Report No.		WLRP21-0418/10
Client	-	N.G	Sample No.	1	WSP21-0418/2
Consultant	\$3	N.G	Report Date		17/02/2021
Sample Description		Steef Bar-14mm	Sample Receiving Date	- 7	07/02/2021
Grade of steel	1	500B	Date of Test	÷	14/02/2021
Marking of steel	- 8	//KSA//14///////B500B-R	Sample Certificate	:	N.G
Source		Watania Steel	Sampled By	1	N.G
Supplier	:	N.G	Sampling Date	1	N,G
Location	:	N.G	Sampling Time		N.G
Sample Identification	3 (2)	N.G	Sample Size (Nos.)		5
Project	0	N.G	Lot Size	3	N.G
Sample Brought by	13	N.G	Lot No.	(2)	N.G
			Tested by	:	SU

### Results

Test Method : ISO 6935-2

Test	Unit	Results
Rib Height	mm	1.36
Rib Spacing	mm	8.10

Remarks: None

Signed for and on behalf of Wimpey Laboratories

S Sarath Kumar Senior Technician

Test results relate only to the samples tested.

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-End of text-





# رات ويسمبني WIMPEY LABORATORIES



: SU

### TEST REPORT ON RIB MEASUREMENTS OF STEEL BARS

Customer : Intertek international Limited Report No. : WLRP21-0418/11 Client : N.G Sample No. : WSP21-0418/3 Consultant Report Date : 17/02/2021 Sample Description : Steel Bar-16mm Sample Receiving Date : 07/02/2021 Grade of steel Date of Test : 14/02/2021 Marking of steel : //KSA//16///////B500B-R Sample Certificate : N.G : Watania Steel Sampled By : N.G Supplier Sampling Date : N.G Location Sampling Time : N.G Sample Identification : N.G Sample Size (Nos.) : 5 Project : N.G Lot Size + N.G Sample Brought by : N.G Lot No. : N.G Tested by

### Results

Test Method

: ISO 6935-2

Test	Unit	Results
Rib Height	mm	1.53
Rib Spacing	mm	9.29

Remarks: None

Signed for and on behalf of Wimpey Laboratories

S.Sarath Kumar Senior Technician

l'est results relate only to the samples tested.

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### TEST REPORT ON RIB MEASUREMENTS OF STEEL BARS

Customer	33	Intertek international Limited	Report No.	1	WLRP21-0418/12
Client		N.G	Sample No.	:	WSP21-0418/4
Consultant	\$	N.G	Report Date	ंद	17/02/2021
Sample Description	:	Steel Bar-20mm	Sample Receiving Date		07/02/2021
Grade of steel	:	500B	Date of Test	Ţ	14/02/2021
Marking of steel	- :	//KSA//20///////B500B-R	Sample Certificate	- 3	N.G
Source		Watania Steel	Sampled By		N.G
Supplier	1:	N.G	Sampling Date	3	N.G
Location		N.G	Sampling Time	:	N.G
Sample Identification	83	N.G	Sample Size (Nos.)	:	5
Project	\$	N.G	Lot Size	:	N.G
Sample Brought by		N.G	Lot No.	80	N.G
			Tested by	12	SU

### Results

Test Method

: ISO 6935-2

Test	Unit	Results
Rib Height	mm	1.83
Rib Spacing	mm	10.58

Remarks: None

Signed for and on behalf of Wimpey Laboratories

S.Sarath Kumar Senior Technician

Test results relate only to the samples tested.

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-End of text-





# Mill Test Certificate

Certificate No.		duct Carbon Ste	el Bars (QST) For Concrete Reinforcement	Γ
Customer Name	SampleMTC	cification SASO ASTIN	A A615:2021	-
Trailer NO/Mobile No		de 60		
Method of Analysis	Spark Emission Spectrometer (LMX-06) for Chemical Testine & Commuterised Universal Testing Machine (C.10	3 for Mechanical Testing		T

ì	No.	-	2	m	4	2	9	_	Prepa	THE CENTER INTERNITY
	Size / Ømm	12mm	14mm	16mm	18mm	20mm	25mm	32mm	Prepared & Checked by	MITCHES OF STREET
	Length	12mtr	12mtr	12mtr	12mtr	12mtr	12mtr	12mtr	lby A	
	Cast No.	WB-7836	WC-3015	WB-8203	WC-2431	WC-2320	WA-2918	WA-2988	9	Accel Division Foundation Foundation
	č	0.25	0.29	0.26	0.29	0.31	0.30	0.26		
	SI%	0.16	0.18	0.18	0.21	0.21	0.21	0.20		1
	Mn%	0.53	0.54	0.54	0.58	0.62	0.58	0.57		8>
3	P% Max 0.060	0.025	0.035	0.033	0.032	0.029	0.031	0.030	į	0.00
Calculate Composition (78)	3%	0.025 0.026 0.107	0.045	0.033 0.032 0.133 0.008 0.054 0.215	0.036	0.036	0.031 0.035 0.128 0.008 0.050 0.184	0.033	868	
CHILDREN	%vo	0.107	0.137	0.133	0.114	0.103	0.128	0.117	12	F
100/1100	Mo%	0.009 0.046	0.008	90000	0.008	0.013	900.0	0.008	130	
	NIN 6	0.046 0	0.043	0.054 0	0.046 0	0.053 0.160	0.050	0.049	and the second	
	Cuns	0.187 0	0.181 0	_	0.175 0			0.170		
	% %	0.004	0.002	0.003	0.005	0.004	0.003	0.003		
	Ceqv% Nin	0.37	0.43	0.40	0.43	0.45	0.44	0.39	100	
	Yeld Strength Min-420 N/mm <sup>2</sup>	205	494	481	498	492	491	480	8	)
Wednamed Properties of Griou	Tensile Strength Min-550 N/mm²	637	623	631	637	645	628	989	A	PASSEU
Langer	TS/YS min1.10	1.27	1.26	1.31	1.28	1.31	1.28	1.33	13/2	PhSSED
ממיום וחיפם	Eongation @G.L-300mm Min-7-9%	13.0	13.0	13.0	14.0	13.5	14.5	12.5	ives evs	A COLUMN NAME OF THE PARTY OF T
The second second	Bend Test 2 of bending 180*	Pass	Pass	Pass	Pass	Pass	Pass	Pass		de ovoc

شركة مصنح حديد الوطنية مين 181333333 الميان 18145 الميان 1844 المسكة المريبة المورية (www.watanlasteel.com تلغون 1954 - 1854 | فاكس 1855 1855 1864 | ماريب 1657 البراني 1844 المسكة المريبة المورية

Watania Steel Factory Corp. L.L.C. C.R. 1010215363 Tel 1966 1 265 9494 - Fex +966 1 265 9486 - P.O. Box 16202 Rhach 11464 Saudi Arabia

# Mill Test Certificate

CLU diribalizateel wataniasteel

	TOTAL STATE OF THE PARTY OF THE	is (451) not continue memorination
SampleMTC	Specification SASO ASTM A615	5:2021
	Grade 80	

	Bend Test 2 of bending 180*	Pass	Pass	Pass	Pass	Pass	Pass	Pass					Manuage OA/CC	
201 61,00	Bougation #6.1-100mm Min-6-7%	13.0	10.0	10.5	10.0	11.5	13.0	12.0		3 2	er e.A.S.A.	wed	2	
mediating right use of allow	15/75 min1.10	1.15	1.13	1.17	1.26	1.18	1.18	171			SSED	-	actory Con	
MECHANISM	Yensile Strength Min-690 N/mm*	744	714	754	730	724	715	746			PASSED ASSED	arania		
	Yield Strength Min-550 N/mm <sup>2</sup>	649	631	644	578	612	909	614			0000			
	Cequit	0.45	0.41	0.45	0.43	0.44	0.45	0.45						
	×	0.005	0.001	0.004	0.004	0.002	0.004	0.004			N			
	Sek Colk	0.183	0.175	0.166	0.145	0.136	0.127 0.009 0.050 0.160	0.182			Hugastura			
	×	0.057	0.056	0.049	0.055	0.042	0.050	0.047			SULUS			
Chemical Composition (%)	Mo%	0.010	0.010	0.008	0.013	0.104 0.006	0.009	0.131 0.007 0.047						
Compos	*5	0.191	0.135	0.109	0.182						Xen //	ı	010	MACK
sermican	3%	0.034	0.036	0.036	0.041	0.030	0.032 0.030	0.032 0.030			28.0	l	SASS	CUALITY MARK
5	Max 0.060	0.042	0.036	0.030	0.040	0.027	0.032	0.032						
	Mn%	0.55	0.62	0.65	0.59	0.61	09:0	0.64				ı	8>3	£
	88	0.19	0.22	0.18	0.21	0.20	0.22	0.21			K	ı	108	100
	ő	0.30	0.26	0.30	0.28	0.30	0.30	0.30						
	Cast No.	NS-03/08/06	WB-8068	WA-2661	NS-15/04/06	WC-2852	WC-3096	WA-2976			(3)		Access controls  Access	100000001
	Length	12mtr	12mtr	12mtr	12mtr	12mtr	12mtr	12mtr	24		5.	_		
	Size / Ømm	12mm	14mm	16mm	18mm	20mm	25mm	32mm			Prepared & Checked by Incharge QC	1	INCOMPOSITION INCOMPOSITION IN CONTRIBUTION IN	CONTRACTOR STATEMENT OF
	og M	1	2	m	4	5	9	-			Prepar	)	THE COLUMN	180 8



# MILL TEST CERTIFICATE

Customer Name	SampleMTC	Product Specification 1	Steel Reinforce 85 4449:2005+	ment (QST) Rebar A3:2016	
Trailer NO/Mobile No	•	Grade	35008	Length- 12 Mtr	
Method of Analysis	Spark Emission Spectrometer (LMX-06) for Chemical Testing & Computerised Universal Testing Ma	hine(C-1000)	for Mechanic	al Testing	

Mechanical Properties of Gr.85008	Vield Tomalie Ruffle Total	3 3 3	547 660 1.21 8.95 Pass Pass	546 670 1.23 8.65 Pass Pass	539 660 1.23 7.95 Pass Pass	546 679 1.24 8.55 Pass Pass	560 668 1.19 7.45 Pass Pass	541 651 1.30 8.95 Pass Pass	and the second s
	Wass of V		0980	1.183	585"	8561	2385	3.773	-
	Carpos	Max. 0.52	0.86	0.36	0.87	0.34	0.38	0.30	
	N,N.	M4W 0.014	0.0082	0.0040	0.0039	0.0046	29000	0.0073	-
	λ×	Specified	0.0020	90000	0.0018	0.0045	0.0047	0.0011	-
	20 %	- Parties	0.118	0.153	0.167	0.137	0.250	0.128	
(%)	N N	Not Specified	0.085	0.042	0.089	0.041	0.073	0.038	
Chemical Composition	14. Me	Not Specified	0.007	9000	9000	9000	600'0	0000	
ilcal Com	20	Not	0.120	0.095	0.121	0.086	0.110	960'0	
Chem	7.5	C.0555 Mare	0.034	0.032	0.034	0.037	0.033	0.028	
	4	0.055 Max	0.030	0.031	0.032	160'0	980'0	0.032	
	15 Mm	Net Specified	1970	9970	8970	850	5970	8970	
	35.51	Not Specified	0.24	0.21	0.21	0.21	0.21	0.21	
	24	0.24 Mar	0.22	0.92	623	0.22	150	0.24	
	100000	Gest No.	WB-5384	WB-5428	WB-5506	WC1888	WB-4854	WB-5465	
	10000000	Size / General	12mm	14mm	16mm	18mm	20mm	25mm	
	- 5	á	+4	P4	-		100	9	-

شركة معين خبية الوطنية ميث 105001201 منيات 2001/2011 منيان 1050 ترييان 1064 تميلة شيوبية لشوبية اللم 2011 1964 - 2011 1964 منيان 2014 1954 من 2014 ترييان 1964 تميلة شيوبية

# MILL TEST CERTIFICATE

stomer SampleMTC	Product Specification	Reinforcement (QST) Rebar 150-6935-2:2012		
Mello	Grade	B5008IWR	Length- 12 Mtr	

								đ	comical C.	Chemical Composition (95)	(56) m							Mochanical Properties of Cr.B8008WR	ties of Cr.B.8000	SWR		
- 100	Size / Omm	Date of Testing	Cast No	S S N	Sign Nam Mar	Nes Nes	0.050 Max	S98. 0.039 Max	*	Moff	N.	80	NA.	Nak Max 0.012	Max San	Mass of the test unit (Kg/m)	Yield Scrength (R <sub>cel</sub> ) Min-200 Neum <sup>2</sup>	Tennic Strength OL, Min-540 N/mm*	R_Rer NSm 1.08	Elocgation @A <sub>5</sub> Min-14%	Bend Test 2 of bending 180°	Rebend
	12mm		WB-9567	0.21	0.18	0.59	0.022	0.033	0.080	9000	0.036	0.117	0.0048	0.0048	0.34	0.869	548	599	1.21	18.0	Pass	Pass
	14mm		WC-4894	022	0.17	0.55	0.027	0.042	0.094	0.009	0.058	0.187	0.0010 0.0067		0.35	1.165	546	653	1.20	18.0	Pass	Pass
	16mm		WC-4841	0.23	0.20	0.60	0.027	0.044	0.074	6000	0.051	0.182	0.0010 0.0045	0.0045	0.37	1.516	545	647	1.19	19.0	Pass	Pass
	18mm		WB-9446	0.23	0.18	0.56	0.023	0.042	0.067	0.010	0.043	0.156	0.0035	0.0039	0.35	1.925	542	848	1.20	19.0	Pass	Pass
	20mm		WA-4118	0.20	0.17	0.51	0.026	0.039	0.122	0.015	0.059	0.150	0.0023	0.0053	0.35	2.380	544	654	1.20	18.0	Pass	Pass
	25mm		WB-8231	0.24	0.24	0.73	0.024	0.025	0.149	0.016	0.055	0.158	0.0042 0.0024 0.42	0.0024	0.42	3.753	545	829	1.24	18.0	Pass	Pass
																		1	Illow I	(3)		
18 5	Prepared & Chacked by Inchange QC																	13	of	al c		

Waterrila Steel Fastory Corp. L.L.C. C.R. 1910216363 Tel vides 1 255 9494 - Fex +965 I 285 9496 - P.D. Sox 15202 Risach 12464 Saudi Araba



# Technical DATA

Standard Specification -SASO ASTM A615/A615M+A1:2021 / Grade-60 Standard Applicable -SASO ASTM A751, A370 & E290
Type of Steel- S
Tensth= 19 meter

Classical Companies   Pin   Classical Companies   Classical Comp		-		-			1	1	17		1:					100000	Mechanica	d Properti	Mechanical Properties of Gr.50			Defor	Deformation Requirements	equiren	sents	Chicones.	0	
Table   Tabl			Nomina	7			5	illic	S S	OIII	OSIL	ПОП				Spenath	Strength		-	Pfm	Trans	Mense		Open	perimeter perimeter	rominel	0 1	
Note	ð	_				1 % Mb	8	_	% C.		% Ni	% C.			Se Se	C,	Ę			_	defor	nation	Spacing	-		1 is		
0.26 0.15 0.50 0.00 max		-	6%	_		s Specific	0.00 Max	Specif	Specific Spe	Specific A	Specific A	Not Specifie	Not Specifie d	Not Specifi ed	C Eqv.	Min-420 N/mm²				bending 180*		Angle (min) 45-75	(max)			Max		conlim
0.26 0.15 0.50			0.617±69	18								1							6	3.54	0,40		7.0	3.8	-	7.6		
0.26 0.15 0.50 to to to to 0.00 0.30 0.46 to to 0.00 0.01 0.30 0.45 to to 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.3		+	0.888±69	10														$\prod$	6	3.5d	0.48	П	8.8	4.6	++	9.2		
10.26 0.15 0.50 to		++	1.208±69	ye l	-													$\perp$	0	3.54	950		8.6	5.3	-	10.6		
to to to to to cos o.3 cos o.1 cos o.3 cos o.1 cos o.3			1.578169	Tall			_			_							$\parallel$	$\coprod$	6	3.5d	0.72		11.2	19	179	12.2		
8 54 1.00 14.0 7.7 7.7 7.7 7.4 1.50 22.4 12.2 12.2 12.2 12.2 12.2 12.2 12.2			1.998169	100	_		_			-	max max	8 11	I Mar	max max	3 1			$\coprod$	6	25	0.81		12.6	8	-	13.8		
8 54 1.25 17.5 9.5 9.5 7 74 1.60 22.4 12.2 12.2			2.466169	ye															6	PS	1.00		14.0	7.7	++	15.4		
7 74 1.60 92.4 19.2 19.2			3.853±69	ye			Table 1								art at				00	PS	1.25		17.5	9.5	++	19.0		Ш
		+	6313±69	14			_ 5								-1-7-				7	P/	1.60		22.4	12.2	_	_		
					1.6															3								

# autaniasteel wataniasteel

# Technical DATA Standard Specification -SASO ASTM A615/A615M+A1:2021 / Grade-80

Standard Applicable -SASO ASTM A751, A370 & E290 Type of Steel- S

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sel-s	
of St	1
De	0000

Charles   Parish   Charles   Charl	-		-				1	1.	1	1		1	Length- 12 meter	77	mete	-	X	Mechanical Properties of Gr.80	Properties	of Gr.80			Defor	Deformation Requirements	equireme	ante	Ĭ	0	
Coarsi and by Coarsi and San			-	Nominal			J	hen	ncal	S	odu odu	ortis				- 8	$\vdash$	Tensle Strength	2	Elongation	P	Trans	WELKE		Own	of 23% of re- perimeter			Reason for
Office   Special control   District   Special control   District   District	N n			Og/m)			% Mn		8.8	Š	8 W	8 Ni	S Cu	A A	SN <sub>2</sub>		_	G.D	1818	CL-195mm	J07	defon	magion	1.00		-			Non
1,5778,656   0.15   0.50   0.26   0.15   0.26   0	2			80	Not Specified	Not Specified	Not Specifie		Specifi 2	Not	Not Speeds	Not all all	Not ecifie Sp	Not seciff 89	Not.			Min-690 N/mm*	Mis-1.10		bending 180*	Height		Same.	-	K	-	_	
1.578-656   0.26   0.15   0.26   0.3   0.04   0.15   0.26   0.3   0.04   0.15   0.26   0.3   0.04   0.15   0.26   0.3   0.04   0.15   0.26   0.3   0.04   0.15   0.26   0.3   0.04   0.15   0.26   0.3   0.04   0.15   0.26   0.3   0.04   0.15   0.26   0.3   0.04   0.15   0.26   0.3   0.30   0.26   0.3   0.30   0.26   0.30   0.26   0.3   0.30	18		6	1,617±6%													H			7	36	0.40		7.0	3.8	3.8	2.6	T	
1.578-656 0.15 0.50 0.10 0.20 0.01 0.12 0.45 0.15 0.26 0.15 0.20 0.01 0.12 0.45 0.20 0.01 0.12 0.45 0.20 0.10 0.10 0.10 0.10 0.10 0.10 0.10			-	2001-000													+			7	P9	0.48		28	4.6	4.6	9.2	T	
1.508-666 0.15 0.56 0.16 0.20 0.01 0.10 0.01 0.12 0.45 0.10 0.01 0.12 0.45 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.1				a constant											_	Ш	$\forall$									-		П	
1,578-665   0,26   0,15   0,50   0,26   0,15   0,50   0,26   0,15   0,50   0,26   0,15   0,50   0,26   0,15   0,50   0,26   0,	mu		-	1,208±6%							П						1			7	25	95.0	I	8.6	5.3	-	9701	T	
1.508-6596	1		1	.578±6%	0.26		0.50					_			_	П				7	26	0.72		11.2	6.1	179	12.2	Ħ	
4*-Nominal Diameter    24,064,066	8		-	.998a6%	to 0.30		0.60	090>							_	3 1	$\dagger$			7	35	0.81		12.6	6.9	69	13.8	Ħ	
4°-Nominal Diameter  6.313.66  6.313.66  6.70  7. 54 1.25 122 122 122 122 122 122 122 122 122 1	8		94	2,466±6%													$\dagger$			7	38	1.00		14	7.7	7.7	15.4	Ħ	
d*-Nominal Diameter  (A/QC Manager  (A) 1.60 22.4 122 122 122 122 122 122 122 122 122 12	8.		-	185346%									_							7	38	1.25		17.5	9.5	9.5	61		
OA/QC Manager	-		0	1313±6%													$\dagger$			9	74	1.60	П	25.4	12.2	19.2	24.4	$\Box$	
OA/QC Manager	1										1	+	+	+	+	+											+		
	1	Ž -	minal	Diam	cler					(a)								A		ð	<b>B</b>	Mana	- C	THE WORLD	Man B.	13/00 13	Syda o VSH 'Weldy		

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