

الإتحاد للحديد والصلب

UNION IRON & STEEL

COMPANY PROFILE

Established in 2006, Union Iron and Steel is the manufacturer of rebar, or steel bars for concrete reinforcement. With expertise in delivering high quality products and technologies, the company aims to meet the region's demand for quality steel bars while reducing huge import volume.

The company is positioned to manufacture rebar conforming to international quality standards and to supply as per market requirement. Facilities include state-of-the-art, Siemens Italy (formerly known as Vai Pomini) fully automated Rolling Mills with a capacity to produce 350,000 ton per year.

The plant is strategically located in the Abu Dhabi Industrial Zone. UIS is a private sector steel company in the UAE. It's difficult to think of a world without steel. From our roads, bridges and the high-rise buildings lining our landscapes, steel is an essential part of our life. With such a solid need for steel, UIS was established to manufacture UAE origin rebar & supply rebar to GCC market to reduce dependency on rebar import.

UIS constantly strive to fill market needs. As part of our customer delivery, we realize that premium quality, innovation & competitive pricing and reliable services earn business. And that's where we deliver, anytime you need it, and specifically where you want it.

STEEL REBAR

Reinforcement bar, commonly known as rebar, is a steel bar that is hot rolled and widely used in the construction industry, particularly for concrete reinforcement.

Steel rebar is most often used as a tensioning devise to reinforce concrete and other masonry structures to help hold the concrete in a compressed state. Concrete is a material that is very durable in compression, but virtually without strength in tension. To compensate for this imbalance in a concrete slab›s behavior, reinforcement bar is cast into it to bear the tensile loads.

Common steel or concrete reinforcement bar is supplied with heavy ridges to assist in binding the reinforcement to the concrete mechanically – this is known as deformed bar.

UIS manufactures rebar in size 8mm-32mm in compliance with International Specification and having all necessary approvals i.e. UK CARES .

GCC continues as net importer of rebar. UIS is positioned to bridge the gap with locally manufactured rebar as per international specifications. UIS aims to manufacture & supply rebar as per market requirement to meet customer expectations while mitigating risk of delay in supply and price volatility in International market.



PRODUCTS AND SERVICES

UIS is focused to manufacture rebar conforming to international quality standards and to supply as per market requirement. Facilities include state-of-the-art, Siemens Italy (formerly known as Vai Pomini) fully automated Rolling Mills with a designed capacity to produce 350,000 MT per annum. Rebar is produced in size 8mm-32mm in compliance with International Specification and approved by UK CARES. The Company operates a Quality Management System (QMS) which complies with the requirements of BS EN ISO 9001:2008 and the relevant CARES quality and operations assessment schedules.

UIS manufactures High Yield Deformed Steel Bar (Reinforcement Bar) as per International Quality Standard and these high yield deformed steel bars comes in 12 Meter* Length & packed in 2 Ton bundle

SPECIFICATIONS

BS4449:2005 GR.B500B

BS4449:1997 GR. 460B

ISO 6935-2/2007 GR.B500BWR

ASTM A615 GR.60

**Rebar can also be supplied in different length for specific requirement.*

UNIT WEIGHT & PIECE/BUNDLE TABLE

SIZE (MM)	UNIT MASS (KG/MTR)	PIECES/BUNDLE
8	0.395	422
10	0.617	270
12	0.888	188
14	1.210	138
16	1.580	106
18	2.000	84
20	2.470	68
22	2.980	56
25	3.850	44
28	4.830	34
32	6.310	26

CHARACTERISTICS	BS 4449:2005 GR-B500B	ISO 6935-2/2007 GR-B500BWR	ASTM A615 GR-60	BS 4449:1997 GR-460B
Chemical Composition				
Carbon (C) %	0.22 Max	0.22 Max	–	0.25 Max
Manganese (Mn) %	–	1.60 Max	–	–
Phosphorous (P) %	0.05 Max	0.05 Max	0.06 Max	0.05 Max
Sulphur (S) %	0.05 Max	0.05 Max	–	0.05 Max
Nitrogen (N) ppm	120 ppm	120 ppm	–	120 ppm
Silicon (Si) %	–	0.60 Max	–	–
Copper (Cu) %	0.80 Max	–	–	–
CE (%)	0.50 Max	0.50 Max	–	0.51 Max
Mechanical & Physical Properties				
Yield Strength	500.0 MPa Min	500.0 MPa Min	420.0 N/mm2 Min	460.0 N/mm2 Min
Tensile Strength	540.0 MPa Min	540.0 MPa Min	620.0 N/mm2 Min	496.8 N/mm2 Min
Elongation (%)	–	14 Min	9 Min	14 Min
Agt (%)	5	5	–	5
Weight Tolerance (%)	± 4.5	± 4.0	± 6	± 4.5
Bend	90°	180°	180°	45°
Re-bend	90° Back to 20°	90° Back to 20°	–	45° Back to 23°
Weldability				
Weldable/Non-Weldable	Weldable	Weldable	Weldable	Weldable



VISION

We aspire to be recognized as a pioneer manufacturer in the regional steel industry, aiming to offer a growing portfolio coupled with exceptional services to our customers.

MISSION

Our mission is to become a reliable, valuable & flexible supplier of steel products to our valued customers and to the end-users.

VERSATILE AND FLEXIBLE

UIS believes in offering perfect solutions to growing demands. Adhering to the corporate philosophy of proactive, fast and flexible service, we offer quality product at competitive price points.

In our pursuit of consolidating our position in the regional steel market, we thrust into new and niche arenas of growth while maintaining modern, transparent management style with clear customer focus.

An integral part of the business scene, we are small enough to care and big enough to deliver.

UK Certification Authority for Reinforcing Steels

Certificate of Approval

Quality Management System Certification
This is to certify that
Union Iron & Steel Company L.L.C

at its establishment at

Mussafah, United Arab Emirates

has satisfied the Authority that it operates a Quality Management System that complies with the requirements of

BS EN ISO 9001: 2008

Production of hot rolled steel bar for the reinforcement of concrete.

using the processes and procedures registered with the Authority.
This Certificate is the property of the Authority and is issued subject to the Regulations of the Authority.

The Certificate Number is: **1420**
Issue Date: **01-January-2016** Expiry Date: **31-December-2016**

Signed on behalf of the Board of Management

Lee Barkley

Chief Executive Officer

The use of the Accreditation Mark indicates accreditation in respect of those activities covered by the accreditation certificate number 002.

UK Certification Authority for Reinforcing Steels
Pembroke House, 21 Pembroke Road, Sevenoaks, Kent, TN13 1XR, UK. www.ukcares.com

Cert. Ref: AIC112010 553 798

UK Certification Authority for Reinforcing Steels

Certificate of Approval

Product Conformity Certification
This is to certify that
Union Iron & Steel Company L.L.C

at its establishment at

Mussafah, United Arab Emirates

has satisfied the Authority that it operates a Quality System that complies with the requirements of BS EN ISO 9001 2008 and the relevant CARES Quality and Operations Assessment Schedules. Where appropriate, and as listed below, it has further satisfied the Authority that it manufactures and/or supplies products that conform with the stated product standards and is entitled to use the CARES marks on its products.

BS 4449 2005 Grade B500B bar 10 to 32mm
BS 4449 1997 Grade 460B bar 10 to 32mm

using the processes and procedures registered with the Authority.
This Certificate is the property of the Authority and is issued subject to the Regulations of the Authority.

The Certificate Number is: **150601**
Issue Date: **01-January-2016** Expiry Date: **31-December-2016**

Signed on behalf of the Board of Management

Lee Barkley

Chief Executive Officer

The use of the Accreditation Mark indicates accreditation in respect of those activities covered by the accreditation certificate number 002.

UK Certification Authority for Reinforcing Steels
Pembroke House, 21 Pembroke Road, Sevenoaks, Kent, TN13 1XR, UK. www.ukcares.com

Cert. Ref: AIC112010 553 797

CERTIFICATIONS



GOVERNMENT OF DUBAI

DUBAI MUNICIPALITY

CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality, hereby attests that the product(s):

CARBON STEEL BARS FOR REINFORCEMENT OF CONCRETE

(Details as per the attached Scope of Certification)
manufactured by:

UNION IRON AND STEEL COMPANY LLC
P.O. Box 8529, ICAD-1, Musaffah, Abu Dhabi, UAE

have been assessed in accordance with DCLD Document Ref. No. RD-DP21-2001 (IC) "General Rules for DM third party product certification system through factory assessment" and the relevant Specific Rules, and were found in conformity with the standard specification:

BS 4449:2005

Accordingly, DCLD hereby authorizes the above manufacturer to affix the DCL Product Conformity Mark to the above-mentioned product(s).

ENGR. HAWA ABDULLA BASTAKI
Executive Director, Dubai Central Laboratory Department
Dubai Municipality

DCL PRODUCT CONFORMITY

DAC
CB-003-PRD

Certificate No: CL15020255
Valid Until: 09 September 2016

Current Issue Date: 10 September 2015
Original Issue Date: 10 September 2015

The attached Scope of Certification bearing the same Certificate No. forms an integral part of this certificate. This certificate is subject to the Terms and Conditions of the Product Certification System and shall not be reproduced except in full.

F-IC-2031 R6



GOVERNMENT OF DUBAI

DUBAI MUNICIPALITY

CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality, hereby attests that the product(s):

CARBON STEEL BARS FOR REINFORCEMENT OF CONCRETE

(Details as per the attached Scope of Certification)
manufactured by:

UNION IRON AND STEEL COMPANY LLC
P.O. Box 8529, ICAD-1, Musaffah, Abu Dhabi, UAE

have been assessed in accordance with DCLD Document Ref. No. RD-DP21-2001 (IC) "General Rules for DM third party product certification system through factory assessment" and the relevant Specific Rules, and were found in conformity with the standard specification:

BS 4449:1997

Accordingly, DCLD hereby authorizes the above manufacturer to affix the DCL Product Conformity Mark to the above-mentioned product(s).

ENGR. HAWA ABDULLA BASTAKI
Executive Director, Dubai Central Laboratory Department
Dubai Municipality

DCL PRODUCT CONFORMITY

DAC
CB-003-PRD

Certificate No: CL15020254
Valid Until: 09 September 2016

Current Issue Date: 10 September 2015
Original Issue Date: 10 September 2015

The attached Scope of Certification bearing the same Certificate No. forms an integral part of this certificate. This certificate is subject to the Terms and Conditions of the Product Certification System and shall not be reproduced except in full.

F-IC-2031 R6

CERTIFICATIONS



GOVERNMENT OF DUBAI

DUBAI MUNICIPALITY

CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality, hereby attests that the product(s):

CARBON STEEL BARS FOR REINFORCEMENT OF CONCRETE

(Details as per the attached Scope of Certification)
manufactured by:

UNION IRON AND STEEL COMPANY LLC

P.O. Box 8529, ICAD-1, Musaffah, Abu Dhabi, UAE

have been assessed in accordance with DCLD Document Ref. No. RD-DP21-2001 (IC) "General Rules for DM third party product certification system through factory assessment" and the relevant Specific Rules, and were found in conformity with the standard specification:

ISO 6935-2:2007

Accordingly, DCLD hereby authorizes the above manufacturer to affix the DCL Product Conformity Mark to the above-mentioned product(s).

ENGR. HAWA ABDULLA BASTAKI
Executive Director, Dubai Central Laboratory Department
Dubai Municipality

DCL PRODUCT CONFORMITY

DAC CB-003-PRD

Certificate No: CL15020256
Valid Until: 09 September 2016

Current Issue Date: 10 September 2015
Original Issue Date: 10 September 2015

The attached Scope of Certification bearing the same Certificate No. forms an integral part of this certificate. This certificate is subject to the Terms and Conditions of the Product Certification System and shall not be reproduced except in full.

F-IC-2031 R8



GOVERNMENT OF DUBAI

DUBAI MUNICIPALITY

CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality, hereby attests that the product(s):

CARBON STEEL BARS FOR REINFORCEMENT OF CONCRETE

(Details as per the attached Scope of Certification)
manufactured by:

UNION IRON AND STEEL COMPANY LLC

P.O. Box 8529, ICAD-1, Musaffah, Abu Dhabi, UAE

have been assessed in accordance with DCLD Document Ref. No. RD-DP21-2001 (IC) "General Rules for DM third party product certification system through factory assessment" and the relevant Specific Rules, and were found in conformity with the standard specification:

ASTM A 615/A615M-13

Accordingly, DCLD hereby authorizes the above manufacturer to affix the DCL Product Conformity Mark to the above-mentioned product(s).

ENGR. HAWA ABDULLA BASTAKI
Executive Director, Dubai Central Laboratory Department
Dubai Municipality

DCL PRODUCT CONFORMITY

DAC CB-003-PRD

Certificate No: CL15020253
Valid Until: 09 September 2016

Current Issue Date: 10 September 2015
Original Issue Date: 10 September 2015

The attached Scope of Certification bearing the same Certificate No. forms an integral part of this certificate. This certificate is subject to the Terms and Conditions of the Product Certification System and shall not be reproduced except in full.

F-IC-2031 R8

LICENSES



غرفة أبوظبي
ABU DHABI CHAMBER

رقم الرخصة 1139

الرقم الموحد 181246
رقم العضوية 104898

بناء على قانون غرفة تجارة و صناعة أبو ظبي رقم ٢٧ لعام ٢٠٠٥ م

فقد تم تسجيل **شركة الاتحاد للحديد والصلب - ذ.م.م**

من الجنسية **الامارات**

لممارسة النشاط صناعة القضبان الحديدية

العنـوان ابو ظبي- مدينة ابوظبي الصناعية - ٥اي ٣ - ٦ اي ٤

جنسية الشركاء قطر

الشكل القانوني شركة ذات مسئولية محدودة صدرت بتاريخ 2015/08/13 ويسري مفعولها حتى تاريخ 2016/08/12

المدير العام

غرفة أبوظبي
ABU DHABI CHAMBER
قطاع خدمات الأعضاء
Members Services Sector

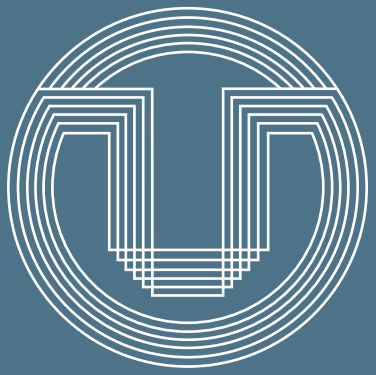
الغرفة الإلكترونية
The Smart e-Chamber
معكم سنواصل التقدم
With you we will be ahead

792648

www.abudhabichamber.ae

The company is committed to supplying quality steel products to meet domestic and regional demand as well as providing its customers with high quality services by consistently pursuing its corporate mission to become ‘a reliable, valuable & flexible supplier to valued customers and to end-users’.





الإتحاد للحديد والصلب

UNION IRON & STEEL

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