

## CERTIFICATE OF PRODUCT CONFORMITY

*Dubai Central Laboratory Department (DCLD) of Dubai Municipality,*

*hereby attests that the product(s)*

**LOW-RELAXATION, SEVEN-WIRE STEEL STRAND FOR PRESTRESSED CONCRETE**

*(Details as per the attached Scope of Certification)*

*manufactured by:*

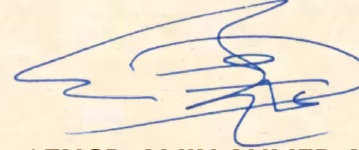
**TIANJIN DALU STEEL STRAND FOR PRESTRESSED CO. LTD.**

**Da Tun Village, Da Qiu Shuang Town, Jing Hai County, Tian Jin City, China**

*have been assessed in accordance with DCLD Document Ref. No. DM-DCLD-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 A416/416M-15**

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



for / **ENGR. AMIN AHMED AMIN**

**Director, Dubai Central Laboratory Department**

**Dubai Municipality**

Verify:



**Certificate No: CL16020391**

**Valid Until: 05 September 2019**



**Current Issue Date: 06 September 2018**

**Original Issue Date: 06 September 2016**

DM-DCLD-F-IC-2031 REV 13

*The attached Scope of Certification bearing the same Certificate No. forms an integral part of this Certificate.*

*This Certificate is an electronic document, subject to the Terms and Conditions of the Product Certification System and shall not be reproduced except in full.*

**DUBAI CENTRAL LABORATORY DEPARTMENT  
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME**

**SCOPE OF CERTIFICATION  
FOR CERTIFICATE NO. CL16020391**

**Certificate Issued To:** Tianjin Dalu Steel Strand for Prestressed Co. Ltd.  
Da Tun Village, Da Qiu Shuang Town, Jing Hai County, Tian Jin City, China

**Applicable Standard Specification:** ASTM A 416/A 416 M –15 Standard Specification for Low Relaxation, Seven-Wire Steel Strand for Prestressed Concrete.

**Applicable Specific Rules:** RD-DP21-2131 (IC) "Specific Rules for Certification of Steel Strand, Uncoated Seven Wire for Prestressed Concrete (as per ASTM A 416/A 416 M –15) Through Factory Assessment".

S/N	Product Description	Nominal Diameter (mm)	Product Details
1	Steel Strand, Un-Coated Seven-Wire for Prestressed Concrete	9.53	Seven-Wire Low Relaxation steel strand, <b>Grade 1860[270]</b> with nominal diameter 9.53mm, minimum Breaking Strength of 102 kN
2	Steel Strand, Un-Coated Seven-Wire for Prestressed Concrete	12.7	Seven-Wire Low Relaxation steel strand, <b>Grade 1860[270]</b> with nominal diameter 12.7mm, minimum Breaking Strength of 184 kN
3	Steel Strand, Un-Coated Seven-Wire for Prestressed Concrete	15.2	Seven-Wire Low Relaxation steel strand, <b>Grade 1860[270]</b> with nominal diameter 15.2mm, minimum Breaking Strength of 261 kN

*NOTE1: This document forms part of the Certificate of Product Conformity bearing the same certificate number.*

*NOTE2: The above product shall bear the DCL Conformity Mark (applied on each product or on the packaging).*

*Original Issue Date : 06 September 2016*

*Current Issue Date : 06 September 2018*

*Valid Until : 05 September 2019*

ARIF HUSAIN AL MARZOOQI

Products Conformity Assessment Section Manager

Dubai Central Laboratory Department