

# CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality,

hereby attests that the product(s)

**STEEL STRAND, UNCOATED SEVEN-WIRE FOR PRE-STRESSED CONCRETE**

(Details as per the attached Scope of Certification)

manufactured by:

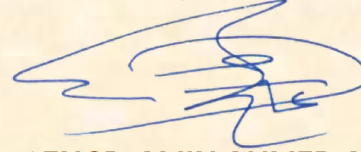
**TATA STEEL LIMITED (WIRE DIVISION)**

**Plot No. F-6, Tarapur MIDC via Boisar, Navapur Road, Taluka Palghar, India**

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 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: CL11020146

Valid Until: 13 May 2019



Current Issue Date: 14 May 2018

Original Issue Date: 14 May 2011

F-IC-2031 REV 12

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. CL11020146

<b>Certificate Issued To:</b>	Tata Steel Limited (Wire Division) Plot No. F-6, Tarapur MIDC via Boisar, Navapur Road, Taluka Palghar, India
<b>Applicable Standard Specification:</b>	ASTM A 416/A 416 M –15 Specification for Steel Strand, Uncoated Seven Wire for Prestressed Concrete.
<b>Applicable Specific Rules:</b>	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 No. 9, <b>grade 1860[270]</b> with nominal diameter 9.53mm, minimum Breaking Strength of 102.3 kN.
2	Steel Strand, Un-Coated Seven-Wire for Prestressed Concrete	12.70	Seven-Wire Low relaxation steel strand No. 13, <b>grade 1860[270]</b> with nominal diameter 12.7mm, minimum Breaking Strength of 183.7 kN.
3	Steel Strand, Un-Coated Seven-Wire for Prestressed Concrete	15.24	Seven-Wire Low relaxation steel strand No. 15, <b>grade 1860[270]</b> with nominal diameter 15.24mm, minimum Breaking Strength of 260.7 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.

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

**SCOPE OF CERTIFICATION  
FOR CERTIFICATE NO. CL11020146**

*Original Issue Date* : 14 May 2011

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ARIF HUSAIN AL MARZOOQI

Head of Products Conformity Assessment Section

Dubai Central Laboratory Department