

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-10

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

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

Certificate No: CL11020146
Valid Until: 13 May 2012



Current Issue Date: 14 May 2011
Original Issue Date: 14 May 2011



CB-003

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

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

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

Certificate Issued To: Tata Steel Limited (Wire Division)
Plot No. F-6, Tarapur MIDC via Boisar,
Navapur Road, Taluka Palghar, India

Applicable Standard Specification: ASTM A 416/A 416 M - 10 Specification for
Steel Strand, Uncoated Seven Wire 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 - 10) 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, grade 1860[270] 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, grade 1860[270] 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, grade 1860[270] with nominal diameter 15.24mm, minimum Breaking Strength of 260.7 kN.

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

Original Issue Date : 14th May 2011
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ENGR. AMIN AHMED MOHAMMED AMIN
Head of Inspection and Certification Section
Dubai Central Laboratory Department