



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:

**NATIONAL METAL MANUFACTURING AND CASTING
COMPANY (MAADANIYAH)**
Road 198, P.O. Box 10882, Jubail Industrial City 31961, Saudia Arabia

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: CL11020152
Valid Until: 18 October 2012



Current Issue Date: 19 October 2011
Original Issue Date: 19 October 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. CL11020152**

Certificate Issued To: National Metal Manufacturing and Casting Company (MAADANIYAH)
Road 198, P.O.Box 10882, Jubail Industrial City 31961, Saudia Arabia

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 12.70 mm, 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 : 19 October 2011
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ENGR. AMIN AHMED MOHAMMED AMIN
Head of Inspection and Certification Section
Dubai Central Laboratory Department