



## CERTIFICATE OF PRODUCT CONFORMITY

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

**HIGH TENSILE STEEL STRAND, FOR PRE-STRESSING 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:

**BS 5896:1980 AMD No. 1**

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: CL11020153  
Valid Until: 18 October 2012

Current Issue Date: 19 October 2011  
Original Issue Date: 19 October 2011

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



CB-003



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

**SCOPE OF CERTIFICATION  
FOR CERTIFICATE NO. CL11020153**

**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:** BS 5896:1980 AMD No. 1 – High Tensile Steel Wire and Strand for the Prestressing of Concrete.

**Applicable Specific Rules:** RD-DP21-2132 (IC) – Specific Rules for Certification of High Tensile Steel Wire and Strand for Prestressing of Concrete (As per BS 5896:1980 AMD No. 1) through Factory Assessment.

S/N	Product Description	Nominal Diameter (mm)	Product Details
1	High Tensile Steel Strand for the Prestressing of Concrete	9.3	Seven-Wire, Relaxation Class 2 , steel strand <b>standard grade</b> with nominal diameter 9.3 mm, minimum Breaking Load of 92 kN.
2	High Tensile Steel Strand for the Prestressing of Concrete	12.5	Seven-Wire, Relaxation Class 2 , steel strand <b>standard grade</b> with nominal diameter 12.5 mm, minimum Breaking Load of 164 kN.
3	High Tensile Steel Strand for the Prestressing of Concrete	12.9	Seven-Wire, Relaxation Class 2, steel strand <b>super grade</b> with nominal diameter 12.9 mm, minimum Breaking Load of 186 kN.
4	High Tensile Steel Strand for the Prestressing of Concrete	15.7	Seven-Wire, Relaxation Class 2, steel strand <b>super grade</b> with nominal diameter 15.7 mm, minimum Breaking Load of 265 kN.
5	High Tensile Steel Strand for the Prestressing of Concrete	15.7	Seven-Wire, Relaxation Class 2, steel strand <b>super grade</b> with nominal diameter 15.7 mm, minimum Breaking Load of 279 kN.

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

Original Issue Date : 19 October 2011  
Current Issue Date : 19 October 2012  
Valid Until : 18 October 2012

ENGR. AMIN AHMED MOHAMMED AMIN  
Head of Inspection and Certification Section  
Dubai Central Laboratory Department