

## 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:*

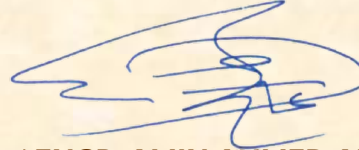
**MAKLADA STEEL WIRE COMPANY**

**Zone Industriel EL JEM 5160 TUNISIA**

*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: CL12020162**

**Valid Until: 02 July 2019**



**Current Issue Date: 03 July 2018**

**Original Issue Date: 03 July 2012**

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. CL12020162**

**Certificate Issued To:** MAKLADA STEEL WIRE COMPANY  
Zone Industrial EL JEM 5160 TUNISIA

**Applicable Standard Specification:** ASTM A 416/A 416 M –15 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 –15) Through Factory Assessment”.

S/N	Product Description	Nominal Diameter (mm)	Product Details
1	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 12.70 mm, minimum Breaking Strength of 183.7 kN.
2	Steel Strand, Un-Coated Seven-Wire for Prestressed Concrete	15.20	Seven-Wire Low relaxation steel strand No. 15, <b>grade 1860[270]</b> with nominal diameter 15.20 mm, 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 (applied on each product or on the packaging).*

Original Issue Date : 03 July 2012

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ARIF HUSAIN AL MARZOOQI

Head of Products Conformity Assessment Section  
Dubai Central Laboratory Department