

# CERTIFICATE OF PRODUCT CONFORMITY

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

## Low-Relaxation, Seven-Wire Steel Strand for Prestressed Concrete

(Details as per the attached Scope of Certification)

manufactured by:

**STE MAKLADA SA**  
**ZONE INDUSTRIAL EL JEM 5160, TUNISIA**

have been assessed in accordance with DCLD Document Ref. No. DM-DCLD-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 A 416/A 416M: 17a

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



for / ENGR. AMIN AHMED AMIN  
Director, Dubai Central Laboratory Department  
Dubai Municipality



Certificate No: CL12020162  
Valid Until: 22/09/2021



Current Issue Date: 23/09/2020  
Original Issue Date: 03/07/2012



The attached Scope of Certification bearing the same Certificate Number 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:** **STE MAKLADA SA**  
ZONE INDUSTRIAL EL JEM 5160, TUNISIA

**Applicable Standard Specification:** **ASTM A 416/A 416 M –17a** Standard Specification for Low-Relaxation, Seven-Wire Steel Strand for Prestressed Concrete

**Applicable Specific Rules:** **DM-DCLD-RD-DP21-2131 (IC)** “Specific Rules for Certification of Low-Relaxation, Seven-Wire Steel Strand for Prestressed Concrete (as per ASTM A 416/A 416 M –17a) 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 <b>184 kN</b> .
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 <b>261 kN</b> .

*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  
Current Issue Date : 23 September 2020  
Valid Until : 22 September 2021

**ARIF HUSAIN AL MARZOOQI**  
Products Conformity Assessment Section Manager  
Dubai Central Laboratory Department