



CERTIFICATE NUMBER
STML-T1482759

ISSUING OFFICE
London Engineering
Department

CERTIFICATE OF STEEL MILLS FACILITY AND PROCESS APPROVAL

This is to certify that a representative of ABS did, at the request of

INDUSTEEL FRANCE

SERVICE COMPTABILITE, LE CREUSOT CEDEX, France, 71204

attend its facilities as indicated in the ABS City Lyon Station port office survey report number 3059671 dated 20 January 2016 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Plate components for marine applications

in accordance with the ABS Approval letter (Reference T1482759), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 20 January 2021 subject to adherence to relevant ABS Rules and Survey requirements.



Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 20 January 2016
EXPIRY DATE: 20 January 2021

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. This Certificate is a representation only that the structure, item of material, equipment, machinery or any other item covered by this Certificate has met one or more of the Rules, Guides, standards or other criteria of ABS as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a full description of any restrictions or limitation on the vessel's service or surveys. The validity, applicability and interpretation of this Certificate is governed by the Rules and standards of ABS who shall remain the sole judge thereof. Nothing contained in this Certificate or in any notation made in contemplation of this Certificate shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.



Product	Grade	Maximum Thickness	Steel Making Practice	Deoxidation Practice	Fine Grain Practice	Casting Practice	Heat treatment facility	Delivery condition
Plates	ABS AQ*/DQ*/EQ*/FQ 70 Z35	186 mm	EAF (Vacuum Degassed)	Si killed	Al treated	Ingot Cast	In-House	Quench & Tempered (Q&T)
Marking	AB/AQ 70 Z35, AB/DQ 70 Z35, AB/EQ 70 Z35, AB/FQ 70 Z35							

* Approval of these grades is based on qualification tests carried out on the higher grade



Drawing List:

Engineering Office:	London Engineering Department	
Submitter:	INDUSTEEL FRANCE (059677)	
Drawing No	Revision No	Drawing Title
9422116	-	Inspection Test Certificate
9422016	-	Inspection Test Certificate
A530/AQ	0	Quality Plan for Chords
735239	-	ABS Review Letter Ref. SM/DM 735239 dated 28-Mar-2011
97716-2011-AQ-FRA-COFRAC	1	DNV ISO 9001:2008 Certificate
816464	-	ABS Review Letter Ref. SM/DM 816464 dated 22-Nov-2011
QMOS RPS Racks Chocks	4	Consumable Qualification and Welding Procedure Specification for Repair Welding on HY120 Steel
LY3059671A	-	ABS Check Sheet on Steel Mill Approval - Plant Survey
LY3059671 B	-	ABS Check Sheet on Steel Mill Quality Assurance - Quality System Audit
LY3059671B	-	ABS Check Sheet on Steel Mill Quality Assurance Rolled Steel Product Quality Audit
Materials Database Form	-	ABS London Materials Database Request Form
Correspondence	-	ABS London Plan Approval Request Form