



CERTIFICATE NUMBER
STML-T2460930

ISSUING OFFICE
Houston Materials

CERTIFICATE OF STEEL MILLS FACILITY AND PROCESS APPROVAL

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

DILLINGER FRANCE

PORT 3032, DUNKERQUE CEDEX 1, France, 59379

attend its facilities as indicated in the ABS City Antwerp Port port office survey report number 5878638 dated 08 June 2023 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 T2460930), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 10 June 2028 subject to adherence to relevant ABS Rules and Survey requirements.

Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 08 June 2023
EXPIRY DATE: 10 June 2028

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.



Task – T2443962, T2460930
Steel Mill Approval – Renewal
Certificate No. STML-T2460930,
QA-5878638

Attention: Sylvie Debril, Dillinger France (WCN 139362)

The documents shown in the attached list are reviewed or filed for reference in accordance with the applicable requirements of the following and the facility is considered approved to manufacture products for hull application as outlined in the process/product approval.

1. ABS Rules for Materials and Welding, Part 2, 2023

Please note it is the responsibility of the facility to inform ABS of any changes to the manufacturing parameters and request renewal of approval prior to the five-year expiry date.

For any clarifications, contact James Oehrle at +1 281 877 6148, joehrle@eagle.org.

Very truly yours,

Wei-Biao (Bill) Shi
Vice President

Electronically Signed by: Satya Meruva



Documents List

Drawing No.	Rev. No.	Title	Status
Correspondence	-	Request for Approval	Correspondence
Declaration	-	Client Letter	Reviewed
Statistical Data	-	Statistical Data	Reviewed
Statistical Data S420MLO	-	Statistical Data S420MLO	Reviewed
2023-DILLINGR_Integrated Management Manual	1	Integrated Management Manual	Reviewed
DE12/81839642.00	-	ISO 9001:2015	Filed by ABS for Reference Only
PO 45004468	-	Purchase Order	Filed by ABS for Reference Only
Signed Application	-	Supporting Information	Filed by ABS for Reference Only

Electronic copies of the documents, appropriately stamped, are available in the ABS Client Portal.

Process/Product Approval

Product	Grade	Thickness	Fine Grain Practice	Casting Practice	Delivery condition ¹
Approved Grades					
Plate	ABS - A	50 mm	Per Slab Source		AR
Plate	ABS - AH*/DH*/EH 32*/36 Z35	100 mm	Per Slab Source		TMCP
Plate	ABS – AQ/DQ/EQ 43 Z35	80 mm	Per Slab Source		TMCP
Plate	ABS – AH/DH/EH 40 Z35	80 mm	Per Slab Source		TMCP
Plate	Non-ABS – NORSOK MDS Y30 Z35	80 mm	Per Slab Source		TMCP



Product	Grade	Thickness	Fine Grain Practice	Casting Practice	Delivery condition ¹
Plate	Non-ABS – EN 10225 S420MLO Z35	80 mm	Per Slab Source		TMCP
Plate	Non-ABS – API 2W Gr 50*/Gr 60 Z35	88.9 mm (3.5")	Per Slab Source		TMCP
Slab Source: Aktiengesellschaft der Dillinger Huettnerwerke (WCN 064618) Heat Treatment Facility: N/A					
Plate	ABS – AH*/DH 32*/36 Z25*/35	24 mm	Per Slab Source		CR
Plate	ABS - A*/B*/D*/E	51 mm	Per Slab Source		N
Plate	ABS – AH*/DH*/EH 32*/36 Z25/35	70 mm	Per Slab Source		N
Plate	ABS – AH*/DH*/EH 32*/36 Z35	150 mm	Per Slab Source		N
Slab Source: Aktiengesellschaft der Dillinger Huettnerwerke (WCN 064618) Heat Treatment Facility: In-House					

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

Note 1:

- a. AR: As Rolled
- b. N: Normalized
- c. CR: Controlled Rolling
- d. TMCP: Thermo-Mechanically Controlled Process

Include: Certificate (STML-T2460930, QA-5878638)