



CERTIFICATE NUMBER
STML-T1168644-1

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

ISD HUTA CZESTOCHOWA SP. Z.O.O.

UL. KUCELINSKA 22, CZESTOCHOWA, Poland, 42-207

attend its facilities as indicated in the ABS City Gdynia Port port office survey report number 2233621 dated 30 October 2014 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 T1638716), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 29 October 2019 subject to adherence to relevant ABS Rules and Survey requirements.



Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 30 October 2014
EXPIRY DATE: 29 October 2019



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.



Extension Steel Mill Facility and Process Approval
ABS Approval of ISD Huta Czestochowa SP.Z.O.O., Czestochowa, Poland

Product	Grades	Maximum Thickness	Steel Making Practice	Deoxidation Practice	Fine Grain Practice	Casting Practice	Heat Treatment Facility	Delivery condition
Plates	A*/B	51 mm	EAF	Al+Si	Al	Continuous Cast	In-house	As Rolled
Plates	A*/B*/D*/E	51 mm	EAF	Al+Si	Al	Continuous Cast	In-house	Normalized
Plates	AH*/DH*/EH 32*/36	60 mm	EAF	Al+Si	Al+Nb	Continuous Cast	In-house	Normalized
Plates	AH*/DH*/EH 32*/36	75 mm	EAF	Al+Si	Al+Nb+V	Continuous Cast	In-house	Normalized
Marking	AB/A, AB/B, AB/D, AB/E AB/DN AB/AH32, AB/AH36, AB/DH32, AB/DH36, AB/EH32, AB/EH36							

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