



Work Order – WO0120535
Rolled Bar Approval – Extension
Certificate No: ROB-00T2218226-1

Revised 31-Dec-2024. Supersedes Letter dated 24-Dec-2024 under WOT0120536.

Attention: SEAH CHANGWON INTEGRATED SPECIAL STEEL CORPORATION
(WCN: 425208)

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 rolled bars for machinery components as outlined in the process/product approval.

1. ABS Rules for Materials and Welding, Part 2, 2024
2. ABS Requirements for Materials and Welding for Stainless Steels, July 2022

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

Refer to attachments, Process/Product Approval, Manufacturer Approval Certificate ROB-00T2218226-1.

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

Very truly yours,

Gareth Burton
Senior Vice President of Engineering

Electronically Signed by: Satya Meruva

Documents List

Drawing No.	Rev. No.	Title	Status
B3C0434400	-	270 mm Ø Rolled Bar Test Report	Reviewed
B420191800	-	320 mm Ø Rolled Bar Test Report	Reviewed
B430031900	-	320 mm Ø Rolled Bar Test Report	Reviewed

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

Process/Product Approval

Certificate No. ROB-00T2218226-1

Grade	Non-ABS Grades: - Carbon, C-Mn & Low-Alloy Steels	Non-ABS Grades: - Austenitic Stainless Steels
Melting Practice	Electric Arc Furnace	
Maximum Weight	N/A	
Maximum Diameter	125 mm	320 mm
Heat treatment facility	In-house	
Application Examples	Hot Rolled Bar for Machinery Applications	

Note: Weld repair is generally not permitted, unless specially approved by the ABS Engineering Office.



CERTIFICATE NUMBER
ROB-00T2218226-1

ISSUING OFFICE
Houston Materials

CERTIFICATE OF ROLLED BAR FOR MACHINERY FACILITY AND PROCESS APPROVAL

This is to certify that a representative of ABS did, at the request of
SEAH CHANGWON INTEGRATED SPECIAL STEEL CORPORATION
147 JEOKHYEON-RO, CHANGWON, Korea, Republic of

attend its facilities as indicated in the ABS Busan Port port office survey report number 5116006 dated 21 January 2022 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Steel and Stainless Steel rolled bars for marine machinery applications

in accordance with the ABS Approval letter (Reference WO0120535), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 20 January 2027 subject to adherence to relevant ABS Rules, Survey requirements and annual endorsement by an ABS representative.

Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 20 February 2023
EXPIRY DATE: 19 February 2028

FIRST ANNUAL
ENDORSEMENT:

SECOND ANNUAL
ENDORSEMENT:

THIRD ANNUAL
ENDORSEMENT:

FOURTH ANNUAL
ENDORSEMENT:

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.