



CERTIFICATE NUMBER
FDRY-0561290

ISSUING OFFICE
Houston Materials

CERTIFICATE OF FOUNDRY 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 7656597 dated 08 June 2026 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Steel Casting and Stainless Steel Casting components for marine applications

in accordance with the ABS Approval letter (Reference WO0561290), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 27 April 2031 subject to adherence to relevant ABS Rules, Survey requirements and annual endorsement by an ABS representative.

Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 08 June 2026
EXPIRY DATE: 27 April 2031

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.

Documents List

Drawing No.	Rev. No.	Title	Status
1150-2007-AQ-KOR-RvA	-	ISO 9001-2015	Filed by ABS for Reference Only
AISI 4140	-	Ladle Analysis Data Last 5 years	Reviewed
ASTM A105	-	Ladle Analysis Data Last 5 years	Reviewed
ASTM A479 316L	-	Ladle Analysis Data Last 5 years	Reviewed
SCSS-CAR-22-024	2022.09.19	Corrective Preventative Action Report	Filed by ABS for Reference Only
SCSS-QO-ODO-2603-01	-	Confirmation Letter	Reviewed

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

Process/Product Approval

FDRY-0561290

Application:	Hull and Machinery Castings
Grade:	Non-ABS: - Carbon, Carbon-Manganese & Low Alloy Steels - Stainless Steels
Melting Practice:	Electric Arc Furnace
Casting Practice:	Ingot Casting, Continuous Casting
Maximum Weight:	150,000 kg
Maximum Thickness/Diameter:	Bloom: 420 x 530 mm; Billet: 200 mm
Heat Treatment Facility:	N/A
Product Examples:	Ingots, Blooms, Billets

Note

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