



Marine & Offshore

Certificate number: SMS.W.II./6313/H.0

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RECOGNITION FOR BV MODE II SCHEME

SeAH Changwon Integrated Special Steel Corporation
Changwon - KOREA (REPUBLIC OF)

Summary of the range of the recognition which is detailed in the subsequent page(s):

1. Ingot for Forging, Weight: Up to 130Ton.
2. Forging in Alloy steel (SACM645 & SKD61), O.D.: Up to 507mm.
3. Forging in Carbon & Carbon-Manganese steel, Weight: Up to 100Ton.
4. Seamless Tube and Pipe in Duplex (Austenitic-Ferritic) Stainless Steel, Grade: UNS S31803 & UNS S32750.
5. Seamless Tube and Pipe in Austenitic Stainless Steel, Grade: 304, 304L, 316 & 316L.
6. Rolled Product in Alloy Steel & Austenitic Stainless Steel.

This certificate is issued to attest that Bureau Veritas Marine & Offshore has performed, at the above company's request and in compliance with the requirements of NR320, a satisfactory assessment of the manufacturing facilities and associated quality procedures related to the range of the recognition.

This certificate will expire on: 11 Jan 2027

For BUREAU VERITAS,
At BV PUSAN, on 04 Apr 2024,
Won-jun JANG

This certificate was created electronically and is valid without signature



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <http://www.veristarpn.com/veristarnb/jsp/viewPublicPdfRecognition.jsp?id=sr0p5wjfxu>

BV Mod. Ad.E 697 June 2017

This certificate consists of 3 page(s)

THE SCHEDULE OF RECOGNITION

1. RANGE OF THE RECOGNITION

The products corresponding to the categories listed in the table below are to be certified individually or per batch by Bureau Veritas Marine & Offshore in compliance with the applicable requirements (IBV products as defined in NR320).

Generic product	Description
CASTING	Ingot in Carbon and Carbon-manganese steel for Forging process, Low Alloy Steel and Stainless Steel, Weight: Up to 130Ton
FORGING	Forgings in Alloy steels, Typical grade: SACM645 & SKD61, O.D.: Up to 507mm
FORGING	Forgings in Carbon and Carbon-Manganese steels, Weight: Up to 100Tons
PIPE / TUBE AND FITTINGS	Seamless Tube and Pipe in Duplex (Austenitic-Ferritic) Stainless Steel, Typical grade: UNS S32750, O.D.: 10~114.3mm, Wall thickness: 0.4~9mm
PIPE / TUBE AND FITTINGS	Seamless Tube and Pipe in Austenitic Stainless Steel, Typical grade: TP304/304L, TP316/316L, Outside Diameter: 10mm~114.3mm, Wall thickness: 0.4~19.05mm
PIPE / TUBE AND FITTINGS	Seamless Tube and Pipe in Duplex (Austenitic-Ferritic) Stainless Steel, Typical grade: UNS S31803, O.D.: 10~114.3mm, Wall thickness: 0.4~19.05mm
PLATE, SECTION AND BAR	Rolled product in Austenitic Stainless Steel, Typical grade: 304/304L & 316/316L, O.D. 10mm~220mm
PLATE, SECTION AND BAR	Rolled product in Alloy Steel, O.D. 28~350mm for Typical grade: SCM440 / O.D. 30~140mm for Typical grade: SNCM439 / O.D.: Up to 220mm for Typical grade: SACM645 & SKD61

2. LIMITATIONS

The certificates listed in the range of recognition are to be valid, as applicable.

Bureau Veritas Marine & Offshore is to be informed immediately of any modification to manufacturing facilities and associated quality procedures in order to agree on appropriate actions.

SeAH Changwon Integrated Special Steel Corporation has to apply for the periodical audits as agreed with Bureau Veritas Marine & Offshore.

3. PERIMETER OF CERTIFICATION

Quality system of following site(s) has been assessed:

SeAH Changwon Integrated Special Steel Corporation - Changwon - KOREA (REPUBLIC OF)

4. REMARKS

4.1 This certificate supersedes the Recognition certificate N° SMS.W.II./6313/G.0 expiring on 11th January 2027.

4.2 The ingot is to be used for forging process only.

4.3 The periodical audits mentioned above are to be carried out within ± 3 months of the anniversary date, 11th January, annually. However, the periodical (surveillance) audits may be omitted if the inspections are performed by BV surveyor over twice every year.

***** END OF CERTIFICATE *****