



Certificate number: 32933/C1 BV

File number: MAT 47964-2013

Product code: 9013I

*This certificate is not valid when presented without the full attached schedule
composed of 7 sections*

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APPROVAL CERTIFICATE for MATERIALS

This certificate is issued to

COGNE ACCIAI SPECIALI S.p.a.

Aosta - ITALY

for the type of product

STAINLESS STEEL ROLLED PRODUCTS

Hot rolled round bars in steel grades 1.4418, 1.4307 and 1.4404

Requirements:

Bureau Veritas Rules on Materials and Welding for the Classification of Marine Units

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 22 Mar 2029**For Bureau Veritas Marine & Offshore,**

At BV NAPOLI, on 12 Sep 2025,

Alessandro Asborno

***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 and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. 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 SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

1.1 - Hot rolled round bars in austenitic stainless steel produced by continuous casting with maximum diameter up to 180mm.
Hot rolled round bars in austenitic stainless steel produced by ingot casting with maximum diameter 200mm.
Typical austenitic stainless steel grade is 1.4404 and 1.4307 according to EN 10088-3.
Steelmaking in Electric UHP Furnace. Bars made from ingots or continuous casting.
Round bars are delivered in heat treated condition.

1.2 - Hot rolled round bars in martensitic stainless steel with maximum diameter 164mm.
Typical martensitic stainless steel grade is 1.4418 according to EN 10088-3.
Steelmaking in Electric UHP Furnace. Bars made from ingots or continuous casting.
Round bars are delivered in heat treated condition.

2. DOCUMENTS AND DRAWINGS :

2.1 - Documents issued by Cogne Acciai Speciali S.p.a.:

- "Company profile", submitted September 2018.
- "Description of installations and major work processes at the steelmaking plant in Aosta" dated 20 August 2024.
- List of equipments and capacities, submitted May 2013.
- Rolling process and Heat treatment for round bars, submitted May 2013.
- NDT procedures details Rev.0 dated 08 February 2024; list of NDT personnel Doc. Mod_CND_Pers_Rev. dated February 2024 and NDT certificates ISO9712; examples of UT reports - Certificates No. NN1, No. NN2 and No. NN3 dated 06 December 2023.
- "Manufacturing update C1" dated 31/01/2024.

3. TEST REPORTS :

3.1 - Documents issued by Cogne Acciai Speciali S.p.a.:

- Risultati caratteristiche di qualità dated 26 June 2013.
- Certificat de controle par ultrasons dated 25 June 2013.
- Statistical datas for grades 1.4418 and grade 1.4404 dated 2010 and 2011.
- Qualification procedures for rolled round bars grades 1.4418 and 1.4404 dated 24 January and 18 April 2013.
- Laboratory report dated 10 September 2013.
- "Test report 316L_C1 extent" and "Test report 304_C1 extent" dated 14/05/2025.

4. APPLICATION / LIMITATION :

4.1 - As per Bureau Veritas Rules on Materials and Welding for the Classification of Marine Units.
4.2 - Chemical composition and tensile properties requirements are to be as per Bureau Veritas Rules on Materials and Welding for the Classification of Marine Units, and/or alternative specification mentioned on reviewed drawings, as applicable.

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The round bars are to be supplied by Cogne Acciai Speciali S.p.a. in compliance with the type and the requirements described in this certificate.
5.2 - This type of product is within the category IBV of Bureau Veritas Rule Note NR320.
5.3 - BV product certificate is required.
5.4 - For information, Cogne Acciai Speciali S.p.a. has declared to Bureau Veritas the following production site:

Cogne Acciai Speciali S.p.a.
VIA PARAVERA 16
11100 Aosta
ITALY

6. MARKING OF PRODUCT :

6.1 - Each hot rolled round bar that has been tested with satisfactory results are to be marked with the following information:

- Manufacturer's name or trademark
- Bureau Veritas' brand
- Identification marking enabling traceability, such as cast number, heat number, or batch number
- Material grade and classification
- Additional markings where applicable, such as test pressure or specific inspection references

Additional marking requirements specific to hot rolled round bar shall be in accordance with the "Marking" article in the relevant section of Bureau Veritas NR216 Rules on Materials and Welding for the Classification of Marine Units.

7. OTHERS :

7.1 - It is Cogne Acciai Speciali S.p.a.'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.
7.2 - This certificate supersedes the Type Approval Certificate N° 33933/C0 BV issued by the Society.

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



Certificate number: 33054/C1 BV

File number: MAT 47964-2013

Product code: 8153I

*This certificate is not valid when presented without the full attached schedule
composed of 7 sections*

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APPROVAL CERTIFICATE for MATERIALS

This certificate is issued to

COGNE ACCIAI SPECIALI S.p.a.

Aosta - ITALY

for the type of product

STEEL FORGINGS

Austenitic stainless steel semi-finished products and forged bars

Requirements:

Bureau Veritas Rules on Materials and Welding for the Classification of Marine Units

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 22 Mar 2029**For Bureau Veritas Marine & Offshore,**

At BV NAPOLI, on 12 Sep 2025,

Alessandro Asborno

***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 and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. 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 SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

Austenitic stainless steel semi-finished product with maximum weight 15.6 tons.
The maximum diameter for semi-finished product is 630mm.

Austenitic stainless steel forged bars with maximum weight 7.5 tons.
The maximum diameter for forged bars is 485mm.

Steelmaking in Electric Arc Furnace and LF Refining.
Continuous casting (maximum diameter 190mm) or ingot casting (maximum diameter 630mm)

Forgings are made by open die forging. Forged bars are heat treated as applicable.

2. DOCUMENTS AND DRAWINGS :

2.1 - Documents issued by Cogne Acciai Speciali S.p.a.:

- "Company profile", submitted September 2018.
- "Description of installations and major work processes at the steelmaking plant in Aosta" dated 15 October 2018.
- List of equipments and capacities, submitted May 2013.
- Forging process and Heat treatment for forged bars, submitted May 2013.
- "Quality Manual 18th Edition, Rev.1" dated 21 June 2018.
- NDT procedures details Rev.0 dated 08 February 2024; list of NDT personnel Doc. Mod_CND_Pers_Rev. dated February 2024 and NDT certificates ISO9712; example of UT report - Certificates No. NN4 dated 06 December 2023.
- "Technical documentation_C1" dated 20/08/2024.

3. TEST REPORTS :

3.1 - Typical tested grades are 1.4404, 1.4307 and 1.4418 according to EN 10088-3.

3.2 - Documents issued by Cogne Acciai Speciali S.p.a.:

- Risultati caratteristiche di qualità dated 26 June 2013.
- Certificat de controle par ultrasons dated 25 June 2013.
- Statistical datas for grades 1.4418 and grade 1.4404 dated 2010 and 2011.
- Qualification procedures for forged bars grades 1.4418 and 1.4404 dated 24 January and 18 April 2013.
- Laboratory report dated 10 September 2013.
- Test report_1.4404_C1 dated 14/05/2025.
- Test report_1.4307_C1 dated 14/05/2025.

4. APPLICATION / LIMITATION :

4.1 - As per Bureau Veritas Rules on Materials and Welding for the Classification of Marine Units.

4.2 - Chemical composition and mechanical properties requirements are to be as per Bureau Veritas Rules on Materials and Welding for the Classification of Marine Units, and/or alternative specification mentioned on reviewed drawings, as applicable.

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The forged bars are to be supplied by Cogne Acciai Speciali S.p.a. in compliance with the type and the requirements described in this certificate.

5.2 - This type of product is within the category IBV of Bureau Veritas Rule Note NR320.

5.3 - BV product certificate is required.

5.4 - Semi-finished products used to manufacture steel forged bars are to be supplied with works certificates (W).

5.5 - For information, Cogne Acciai Speciali S.p.a. has declared to Bureau Veritas the following production site:

Cogne Acciai Speciali S.p.a.
VIA PARAVERA 16
11100 Aosta
ITALY

6. MARKING OF PRODUCT :

6.1 - Each forged bar that has been tested with satisfactory results are to be marked with the following information:

- Manufacturer's name or trademark
- Bureau Veritas' Mark
- Identification marking enabling traceability, such as cast number, heat number, or batch number
- Material grade and classification
- Additional markings where applicable, such as test pressure or specific inspection references

Additional marking requirements specific to forged bar shall be in accordance with the "Marking" article in the relevant section of Bureau Veritas NR216 Rules on Materials and Welding for the Classification of Marine Units.

7. OTHERS :

7.1 - It is Cogne Acciai Speciali S.p.a.'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This certificate supersedes the Type Approval Certificate N° 33054/C0 BV issued by the Society.

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



Marine & Offshore

Certificate number: SMS.W.II./47964/C.0

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RECOGNITION FOR BV MODE II SCHEME

COGNE ACCIAI SPECIALI S.p.a.
Aosta - ITALY

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

Production of steel products: ingots and blums, bars, rod and wire, forged to drawing.

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: 01 Dec 2026

For BUREAU VERITAS,
At BV VENEZIA, on 02 Dec 2022,
Sandro BRUSEGAN

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.veristarp.com/veristarnb/jsp/viewPublicPdfRecognition.jsp?id=3ystmpmidk>

BV Mod. Ad.E 697 June 2017

This certificate consists of 2 page(s)

THE SCHEDULE OF RECOGNITION

1. RANGE OF THE RECOGNITION

The products 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).

App. number	Validity date	Item designation	Trade name
32933/B0 BV	03 Jan 2024	STAINLESS STEEL ROLLED PRODUCTS - 9013I	Hot rolled round bars in steel grades 1.4418 and 1.4404
33054/B0 BV	03 Jan 2024	STEEL FORGINGS - 8153I	Stainless steel forgings with maximum weight 32 tons.

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.

COGNE ACCIAI SPECIALI S.p.a. 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:

COGNE ACCIAI SPECIALI S.p.a. - Aosta - ITALY

4. REMARKS

Periodicity of assessment: 4 years at renewal of certificate

*** END OF CERTIFICATE ***