



Marine & Offshore

Certificate number: 32933/B0 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 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: 03 Jan 2024**For Bureau Veritas Marine & Offshore,**

At BV VENEZIA, on 03 Jan 2019,

Sandro BRUSEGAN



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 :

Hot rolled round bars in austenitic stainless steel with maximum diameter 170mm.
Typical austenitic stainless steel grade is 1.4404 according to EN 10088-3.

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 :

As per following 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.
- Rolling process and Heat treatment for round bars, submitted May 2013.
- "Quality Manual 18th Edition, Rev.1" dated 21 June 2018.

3. TEST REPORTS :

As per following 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.

4. APPLICATION / LIMITATION :

As per Bureau Veritas Rules for Classification. Chemical composition, tensile properties and Charpy-V notch test requirements are to be as per Bureau Veritas Rules NR216 and/or alternative specification mentioned on reviewed documents and 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.

6. MARKING OF PRODUCT :

As per Bureau Veritas Rules for Classification.

7. OTHERS :

This certificate replaces approval N° 32933/A0 BV.

*** END OF CERTIFICATE ***



Marine & Offshore

Certificate number: 33054/B0 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

Stainless steel forgings with maximum weight 32 tons.

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: 03 Jan 2024**For Bureau Veritas Marine & Offshore,**

At BV VENEZIA, on 03 Jan 2019,

Sandro BRUSEGAN



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 and martensitic stainless steel forged bars with maximum weight 32 tons.
The maximum diameter for forged bars is 340 mm .

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

2. DOCUMENTS AND DRAWINGS :

As per following 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.

3. TEST REPORTS :

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

As per following 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.

4. APPLICATION / LIMITATION :

As per Bureau Veritas Rules for Classification. Chemical composition, tensile properties and Charpy-V notch test requirements are to be as per Bureau Veritas Rules NR216 and/or alternative specification mentioned on reviewed documents and 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.

6. MARKING OF PRODUCT :

As per Bureau Veritas Rules for Classification.

7. OTHERS :

This certificate replaces approval N°33054/A0 BV.

*** END OF CERTIFICATE ***



Marine & Offshore

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

**BUREAU
VERITAS**

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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: 16 Oct 2022

For BUREAU VERITAS,

At BV VENEZIA, on 29 Oct 2018,

Sandro BRUSEGAN



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 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/A0 BV	18 Oct 2018	STAINLESS STEEL ROLLED PRODUCTS - 9013I	Hot rolled round bars in steel grades 1.4418 and 1.4404
33054/A0 BV	18 Oct 2018	STEEL FORGINGS - 8153I	Stainless steel forgings with maximum weight 32 tons.

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
FORGING	Forged Steel Bars
PLATE, SECTION AND BAR	Rolled Steel Bars

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 ***