



MARINE DIVISION

Certificate number: 32933/A0 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 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: 18 Oct 2018

For BUREAU VERITAS,

At BV GENOA, on 18 Oct 2013,

Carlo Bozzetti



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. 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 Division 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 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 :

- General informations - Company profile issued by Cogne Acciai Speciali S.p.a
- "Description of installations and major work processes at the steelmaking plant in Aosta" issued by Cogne and dated 18 November 2010.
- List of equipments and capacities issued by Cogne.
- Rolling process and Heat treatment for round bars issued by Cogne.
- "Quality and environmental mangement manual 14th Edition issued by Cogne Acciai Speciali Aosta - Italy and dated 10 December 2010.

3. TEST REPORTS :

- Risultati caratteristiche di qualità issued by Cogne and dated 26 June 2013.
- Certificat de controle par ultrasons issued by Cogne Acciai Speciali S.r.l and 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 issued by Cogne and dated 24 January and 18 April 2013.
- Laboratory report issued by Cogne Acciai Speciali S.p.a and dated 10 September 2013.

4. APPLICATION / LIMITATION :

Chemical composition, tensile properties and Charpy-V notch test requirements are to be as per Bureau Veritas Rules NR216 and/or alternative specification mentionned on reviewed drawings, as applicable.

5. PRODUCTION SURVEY REQUIREMENTS :

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.

This type of product is within the category IBV of Bureau Veritas Rule Note NR320.
BV product certificate is required.

6. MARKING OF PRODUCT :

As per Bureau Veritas Rules for Classification

7. OTHERS :

Nil.

*** END OF CERTIFICATE ***



MARINE DIVISION

Certificate number: 33054/A0 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 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: 18 Oct 2018

For BUREAU VERITAS,

At BV GENOA, on 18 Oct 2013,

Carlo Bozzetti



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. 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 Division 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 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.

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

2. DOCUMENTS AND DRAWINGS :

- General informations - Company profile issued by Cogne Acciai Speciali S.p.a
- "Description of installations and major work processes at the steelmaking plant in Aosta" issued by Cogne and dated 18 November 2010.
- List of equipments and capacities issued by Cogne.
- Forging process and Heat treatment for forged bars issued by Cogne.
- "Quality and environmental mangement manual 14th Edition issued by Cogne Acciai Speciali Aosta - Italy and dated 10 December 2010.

3. TEST REPORTS :

- Risultati caratteristiche di qualità issued by Cogne and dated 26 June 2013.
- Certificat de controle par ultrasons issued by Cogne Acciai Speciali S.r.l and dated 25 June 2013.
- Statistical datas for grade 1.4418 and grade 1.4404 dated 2010 and 2011.
- Qualification procedures for forged bars grades 1.4418 and 1.4404 issued by Cogne and dated 24 January and 18 April 2013.
- Laboratory report issued by Cogne Acciai Speciali S.p.a and dated 10 September 2013.

4. APPLICATION / LIMITATION :

Chemical composition, tensile properties and Charpy-V notch test requirements are to be as per Bureau Veritas Rules NR216 and/or alternative specification mentionned on reviewed drawings, as applicable.

5. PRODUCTION SURVEY REQUIREMENTS :

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.

This type of product is within the category IBV of Bureau Veritas Rule Note NR320.
BV product certificate is required.

6. MARKING OF PRODUCT :

As per Bureau Veritas Rules for Classification

7. OTHERS :

Nil.

*** END OF CERTIFICATE ***