



Marine & Offshore

Certificate number: 19056/D1 BV

File number: MAT 12349-2007

Product code: 81531

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

www.veristar.com

## APPROVAL CERTIFICATE for MATERIALS

*This certificate is issued to*

**FOC CISCATO SPA**

Seghe Di Velo (VI) - ITALY

*for the type of product*

**STEEL FORGINGS**

Carbon, carbon-manganese, alloy and austenitic stainless steels forgings with maximum weight 20 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: 28 Oct 2027**

**For Bureau Veritas Marine & Offshore,**

At BV NAPOLI, on 17 May 2023,

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 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](http://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 :**

Carbon, carbon-manganese, alloy and austenitic stainless steel forgings for machinery applications with maximum weight 20 tons.

No steelmaking. Products are made from blooms/billets/ingots. Forgings operations by press and hammers, heat treatment as applicable.

### **2. DOCUMENTS AND DRAWINGS :**

2.1 - Documents issued by Foc Ciscato Spa:

- Document Ref.PGQ 01 Rev.05 dated 09/06/2021.

-"Information for the renewal of approval certificate for materials under the same conditions of the previous certificate No.19056/B0 BV Rev.03" dated 04/09/2017; Procedure Ref. PGQ 48 Rev.05 dated 13/05/2019; Control plan Ref.2016520 dated 10/02/2017.

- Inspection test plan 2018-84 Rev.1 dated 30/11/2018.

- Procedures No. FOC IOC 144 Rev.05 dated 10/03/2022 and No. FOC IOC 145 Rev.03 dated 30/01/2020.

### **3. TEST REPORTS :**

3.1 - Typical tested grades are:

- C45, S355J2G3, STE690 for Carbon Manganese steels forgings having weight up to 20000Kg.

- 18CrNiMo7-6, 34CrNiMo6 and 42CrMoS4 for alloy steels forgings having weight up to 3000Kg.

- 316L for austenitic stainless steels forgings having weight up to 2000Kg.

3.2 - Documents issued by Foc Ciscato Spa:

-"3.1 steel mill certificate number 05 1618" 30/11/2005, "3.1 steel mill certificate number 05 1057" dated 21/07/2005, "3.1 steel mill certificate number 05 1518" dated 11/11/2005, "3.1 steel mill certificate number 06 176" dated 11/06/2006, "3.1 steel mill certificate number 06 339" dated 10/03/2006, "3.1 steel mill certificate number 2017 727/CC/1 Rev.1" dated 21/09/2017.

- Test certificates No. 13 798/01 dated 23/05/2013 and No. 13 798/02 dated 03/06/2013 and Test reports No. 62/2013 and No. 63/2013 dated 31/05/2013; Drawing No H-38160263FIN Rev.0 dated 15/04/2013.

- Test certificate No. 2019 143/CC/1 Rev.0 dated 08/02/2019 and drawing No. I-43610051STT Rev.1 dated 27/11/2018.

### **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 drawings, as applicable.

### **5. PRODUCTION SURVEY REQUIREMENTS :**

5.1 - The steel forgings are to be supplied by Foc Ciscato Spa 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 approvals from No.19056/A0 BV to No.19056/D0 BV.

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