



Marine & Offshore

Certificate number: 65151/A0 BV

File number: MAT 57358-2021

Product code: 8158I

*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*

**L'UNION DES FORGERONS**  
MEREVILLE - FRANCE

*for the type of product*

**ALUMINIUM ALLOY FORGING**

Aluminium alloy forgings grade 7175.

**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: 25 Jun 2026**

**For Bureau Veritas Marine & Offshore,**

At BV SAINT QUENTIN-EN-YVELINES, on 25 Jun 2021,

William PIC



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 :**

Aluminium alloy forgings grade 7175 having weight up to 200 Kg.  
Typical products are Roller .  
No steelmaking. Forgings operations drawing and upsetting as applicable; heat treatment as applicable.

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

As per following documents issued by L'union des Forgerons:

- Presentation UF V5 submitted
- R.Q.T.A Issue 9 dated 07/08/2018.
- Specification SGAM0022 Rev.2 dated 03/12/2020; No. 6970168343 Rev.1 dated 03/02/2000.
- Caractéristiques mécaniques 7075 ATLAS COPCO dated 01/06/2015.
- Manufacturing process plan No.1698/PF/20 Rev.3 dated 01/12/2020.
- Procedures NDT No. CQ 1008 Index E dated 07/06/2017; No. CQ 1021 Index C dated 28/03/2014 and No. SEP 1921-84.

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

3.1 - Typical tested grades are:

7175-T7452 as per customer specification No. SGAM0022 Rev.2 dated 03/12/2020.  
7175-T73 as per customer specification No. 6970168343 Rev.1 dated 03/02/2000 and Caractéristiques mécaniques 7075 ATLAS COPCO dated 01/06/2015.

3.2 - As per following reports issued by L'union des Forgerons:

- Report No.2161-20 dated 22/02/2021.
- Report No.3494-A/18 dated 05/02/2019.

### **4. APPLICATION / LIMITATION :**

As per Bureau Veritas Rules for Classification.

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

5.1 - The aluminium alloy forgings are to be supplied by L'union des Forgerons 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 :**

Nil.

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