


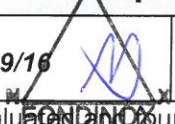


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|---|---|------------|---|
|  | Qualification Test Record (QTR) NORSOK M-650 | | QTR. No.: Gr5A CASTINGS Rev. No.:6 |
| | Manufacturer name/address/ Web page: Fondinox S.p.A – via Marconi 42/48 – Sergnano - ITALY ph: 0039 0373 45651 / fax: 0039 0373 455100 / email: fondinox@fondinox.com | | |
| Reference standard | NORSOK M-650, Edition 4 | | |
| Material designation and MDS No.: | ASTM A995 Gr5A MDS D56 REV.5 | | |
| Manufacturing Summary doc. No.: | A995 Gr5A SAND CASTINGS | Rev. No.:5 | |
| Products and manufacturing process(es): | SAND CASTINGS | | |
| Mandatory conditions and sub-contractors: | <ul style="list-style-type: none"> HEAT TREATMENTS in furnaces Sofind, Felind and Ferré MATERIAL TESTING BY EXOVA or FONDINOX in-house laboratory (as per activity no. 24 of relevant MS) | | |
| Other information: | Changes from previous Edition: <ul style="list-style-type: none"> Re-included furnace Ferré One verification of heat treatment (as per par 9.3 of M650 Ed.4) carried out in year 2016 at 1235°C on Ferré furnace Included furnace Sofind Two verification of heat treatment (as per par 9.3 of M650 Ed.4) carried out in year 2013 at 1250°C on Felind and Sofind furnaces Two verification of heat treatment (as per par 9.3 of M650 Ed.4) carried out in year 2014 at 1250°C on Felind and Sofind furnaces Re-qualified without testing | | |
| Qualification expires: | 03/2019 | | |

Tested and qualified thickness and weight

| Products and manufacturing process(es): | Test record No. | Tested thickness mm | Qualified thickness mm | Test piece weight kg | Qualified weight kg |
|---|-----------------|---------------------|------------------------|----------------------|---------------------|
| SAND CASTINGS | 60683 (*) | 250 (*) | 250 | 1140 (*) | ALL |

(*) included in QTR Gr5A CASTINGS Rev.3

Qualification/acceptance signatures

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|---|---|---|
| Manufacturer: | Prepared by/Date: A. POLONINI – 05/09/16  | Checked by/Date: M. CARNITI – 05/09/16  |
| The manufacturer and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 for supply of the above listed products and materials. This acceptance does not exempt any purchaser from his responsibility to ensure that this qualification is valid for his products within the essential variables of NORSOK M-650. | | |
| Qualified/Accepted by (company name/Address): VALVITALIA S.P.A. DIVISIONE ATAS Francesco Menin Quality Control Manager VALVITALIA SPA - VIA MONTESAPPA, BRENDOLA VICENZA - ITALY | Signature/Date:  5 Sept 2016 | |