


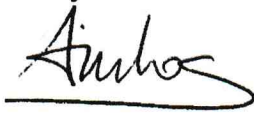




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|---|---|--|--|---|---------------------|--|
|  | QTR Qualification Test Record NORSOK M-650 Edition 4 | | | | QTR n° 4538013 | |
| | | | | | Rev n° 4 | |
| Manufacturer name: | AMPO S.Coop | | | | | |
| Adress : | B/Katea s/n 20213 IDIAZABAL (Spain) | | | | | |
| Web page: | www.ampo.es | | | | | |
| Reference standard | NORSOK M-650 Edition.4 | | | | | |
| Material designation and MDS n° | ASTM A-995 Gr6A (UNS J93380) & MDS D56 Rev 6 | | | | | |
| Manufacturing summary doc n°: | 4538013 | | | | Rev n° 4 | |
| Products and manufacturing process: | Centrifugal castings (for valve components) | | | | | |
| Mandatory conditions and sub-contractors: | No weld repairs Heat treatment in house furnace GHI-1, GHI-3. Mechanical test determination of intermetallic phases and ferrite percentage + corrosion test performed at external laboratory ISO 17025 qualified: LORTEK E-20240 Ordizia-Spain AZTERLAN E-48200 Durango-Spain | | | | | |
| Other information: | Material machined Heat treatment verification has been carried out for furnaces GHI-1 (IN-8514) + GHI-3 (IN-8858). NDE carried out by customer. | | | | | |
| Qualification expires: | JUNE 2027 | | | | | |
| Tested and Qualified Thickness and Weight | | | | | | |
| Products and manufacturing process | Test record n° | Tested thickness s mm. | Qualified thickness mm. | Test piece weight kg | Qualified weight kg | |
| Centrifugal spun casting pipe & valves (For valve components) | 019774 & 020148 -001 & 12IMi014 | 134 | 134 | 585 | All | |
| Qualification/acceptance signatures | | | | | | |
| Manufacturer: AMPO S. Coop.  | | Prepared by/date:  Javier.G.B 23.06.2022 | | Checked by/Date:  A.Lizarralde 23.06.2022 | | |
| The manufacturer and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 Ed. 4 for supply of the above listed products and materials. <i>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 Edition 4</i> | | | | | | |
| Qualified/Accepted by:  Aker Solutions Fornebu, Norway NO 929 877 950 VAT | | | Signature/Date:  28/06/2022 | | | |