## Qualification Test Record (QTR)

### NORSOK M-650

<table>
<thead>
<tr>
<th>QTR. No.:</th>
<th>FA-6A-2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rev. No.:</td>
<td>0</td>
</tr>
</tbody>
</table>

**Manufacturer name/address/ Web page:**
- Fonderia Augusta S.r.l.
  - via Landri 1e/f, I-24060 Costa di Mezzate (BG)
  - www.fonderia-augusta.com

**Reference standard:**
- NORSOK M-650, Edition 4

**Material designation and MDS No.:**
- ASTM A995M-13 Gr. 5A; MDS D56, Revision 5.

**Manufacturing Summary doc. No.:**
- MSFA-6A-2016

**Products and manufacturing process(es):**
- Sand castings for mechanical and petrochemical industries

**Mandatory conditions and sub-contractors:**
- Heat treatment in batch furnace CS 3020-6 (identification code 5.108.000)
- RT by ITACA Srl – Chignolo d’Isola (BG) – I
- Laboratory material testing by:
  - Sider Test Srl – Castel San Giovanni (PC) – I
- Heat treatment verification carried out on furnace no. CS 3020-6 (identification code 5.108.000). Ref. test report no. 16E6409RP dated 20th July 2016.
- Pickling by:
  - Clerici Srl – Baranzate (MI) – I
  - Corali & C. snc – Calcio (BG) – I.

**Other information:**

**Qualification expires:**
- October 2021

### Tested and qualified thickness and weight

<table>
<thead>
<tr>
<th>Products and manufacturing process(es):</th>
<th>Test record No.</th>
<th>Test thickness mm</th>
<th>Qualified thickness mm</th>
<th>Test piece weight kg</th>
<th>Qualified weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand castings</td>
<td>6297/16B/C</td>
<td>180</td>
<td>180</td>
<td>301</td>
<td>All</td>
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</tbody>
</table>

### Qualification/acceptance signatures

**Prepared by/Date:**
- Gabriele Borgonovo, Quality Manager
  - October 12th, 2016

**Checked by/Date:**
- Gabriele Borgonovo, Quality Manager
  - October 12th, 2016

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):**

![Signature/Date: 12/10/2016]

Erling Rydbergs