



**QTR**  
**Qualification Test Record**  
**NORSOK M-650**

QTR. No.: 08/17

Rev. No.:00

Manufacturer name/address/  
 Web page: **GSA SRL**  
**Via 1° Maggio, 15 – 36050 Sovizzo (VI) Italy**  
**www.gsaspa.com**

Reference standard **NORSOK M-650 Ed. 4**

Material designation and MDS No.: **ASTM A 995 GR 6A, J93380 NORSOK M-630 MDS D56 rev 5**

Manufacturing summary doc. No.: **8/17 GR 6A** Rev. No.:00

Products and manufacturing process(es):  
**Ceramic Casting**

Mandatory conditions and sub-contractors:  
**Heat Treatment are carried out in GSA with FR1 or FR2 furnace**  
**Radiographic test are carried out in Safas Spa**  
**Tests are carried out in Laboratorio San Marco and/or RTM Breda**  
 Note: FR1 was already approved by Fra.Mo Flatoy/Statoil on 2012/04/18

Other information:  
 Pickling is carried out in Bama Srl  
 Weld of major defect shall always followed by PWHT according to WPS 1143A and heat treatment procedure TT04 rev 4

Qualification expires **January 2022**

**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)
Ceramic casting	42982	80	80	260	ALL

**Qualification/Acceptance signatures**

Manufacturer:  
**GSA Srl**  
**Via 1° Maggio 15**  
**36050 Sovizzo (VI)**  
**Italy**

Prepared by/Date:  
 16/01/2017 Matteo Dalprà

Checked by/Date:  
*Matteo Dalprà*

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):  
**DNV GL**  
**Via Energy Park 14 20871 Vimercate (MB) Italy**

Signature/Date:  
  
 2017-01-26

