



QTR
Qualification Test Record
NORSOK M-650

QTR. No.: 04

Rev. No.:03

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

Reference standard
NORSOK M-650 Ed. 4

Material designation and MDS No.:
ASTM A995 Gr. 6A J93380
MDS D 56 Rev. 5.

Manufacturing summary doc. No.:

1

Rev. No.:03

Products and manufacturing process(es):

Sand casting

Mandatory conditions and sub-contractors:

Heat treatment are carried out in GSA with FR1 furnace;
Radiographic test are carried in Safas SpA;
Tests are carried out in Laboratorio San Marco and/or RTM Breda;

Other information:

Pickling is carried out in Bama Srl;
Weld of minor and major defects shall always be followed by PWHT according to HT procedure TT04 rev 4
Verification of HT procedure has been performed on 22/05/2012
See additional qualification test for G48@50 °C dated 15/11/2012

Qualification expires

Audit performed in October 2017, and the validity of QTR is extend to 10/2022

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)
Castings, sand method	33345 rev 1 33343rev1	80	80	260	All

Qualification/Acceptance signatures

Manufacturer:
GSA

Prepared by/Date:
 Matteo Dalpra 19/10/2017

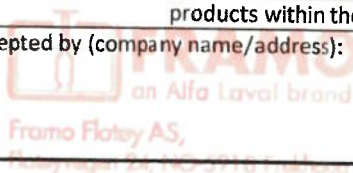
Checked by/Date:
 Gianmaria Pasqualotto 19/10/2017

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: 27.10.2017



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