



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

QTR. No.: 05

Rev. No.: 2

Manufacturer name/address/ Web page:

SAFAS s.p.a.
via Verona 23, 36077 Altavilla Vicentina (VI) Italy
www.safas.it

Reference standard

NORSOK M-650, Edition 4 + NORSOK M-630, Edition 6

Material designation and MDS No.:

ASTM A 995 Gr. 5A
MDS D56 Rev. 5

Manufacturing Summary doc. No.:

PTF 232

Rev. No.: 3

Products and manufacturing process(es):

Sand casting

Mandatory conditions and sub-contractors:

Heat treatments shall be carried out in SAFAS s.p.a. with FR6 furnace.
Radiographic test shall be carried out in SAFAS s.p.a.
All the test shall be carried out in RTM Breda.
Pickling shall be carried out in Bama Srl.

Other information:

Weld of major defects shall always be followed by PWHT according to the heat treatment procedure TT05 rev. 5.
Verification of the heat treatment procedure has been performed on 30-31/10/2013.
QTR in compliance with ISO 17782

Qualification expires:

March 2024

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		250	250	1500	All

Qualification/acceptance signatures

Manufacturer:

SAFAS s.p.a.

Prepared by/Date: 17/06/2020

Laura Pazienza
Quality System Dept.

Checked by/Date

17/06/2020

SAFAS
Quality System Manager
Ing. FRANCESCO FERRARESE
SAFAS S.p.a. - Altavilla Vic

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):

AkerSolutions
Fornebu, Norway
NO 929 877 950 VAT

Signature/Date:

20/06/2020