



**QUALIFICATION TEST RECORD 001
NORSOK M-650**

QTR No:



TR_ 4A-2021

REV .00

Manufacturer name /address/ Web page:	FONDERIA F.A.I.L. S.R.L. VIA GALILEO GALILEI N 18 – 42020 SAN POLO D’ENZA REGGIO EMILIA ITALY WWW.FONDERIAFAIL.IT
Reference Standard	NORSOK M-650, Edition 4
Material Designation	ASTM A995 Gr. 4A (UNS J92205) NORSOK M-630:2020 (MDS D46, Rev.6)
Manufacturing summary doc No:	FA_GR4A_MDS46_001 REV. 02
Products and manufacturing Process	CASTINGS (sacrificial component) Sand Molding with resin AOD route: remelting of 100% refined charge material Production to follow the process of the approved QTR
Mandatory condition and sub- contractors:	<ul style="list-style-type: none"> - Casting heat treated in furnace 2014/001 - Raw material: AOD scrap material - Not destructive Test: radiographic (subcontracted to external qualified company Condomett) - Destructive test (subcontracted to external qualified laboratory Tec Eurolab) micrographic , tensile test, impact test at -46°C, ferrite content, corrosion test, hardness test
Other information	•Verification of heat treatment procedure carried out for furnace 2014/001 report STREAMLINE FURNACE 001 /20-01-21
Qualification expires	May 2023

TESTED AND QUALIFIED THICKNESS AND WEIGHT

Products and manufacturing process	Test Records No	Tested Thickness (mm)	Qualified Thickness (mm)	Test Piece weight (kg)	Qualified weight (kg)
Sand castings	RDP_21_02404 RDP_21_02035	80	88	90	180

Manufacturer :	Prepared by / Date 05-05-2021 Luca Branchi 	Checked by / data 05-05-2021 Marco Saccani 
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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 REV.4.

Qualified / Accepted by (company name /address) : DNV AS Veritasveien 1 1363 Høvik Norway	Signature / Date :
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