



QUALIFICATION TEST RECORD (QTR) NORSOK M-650

QTR No.: FI100
Rev No.: 1

Manufacturer Name/address:	FAD INTERNATIONAL S.p.A. Via Monza, 146 20060 Gessate (MI) – Italy
Reference standard:	Norsok M-650, Edition 4
Material designation and MDS No.:	ASTM A815 UNS S32760; Norsok M-630:2020; MDS D53 Rev 6
Manufacture summary doc. No.:	MSE-100 Rev.1 (Wrought fittings – Elbows from forging) MSEP-100 Rev.1 (Wrought fittings – Elbows from Seamless pipe) MST-100 Rev.1 (Wrought fittings – Tee from forging) MSET-100 Rev.1 (Wrought fittings – Tee from Seamless pipe)
Products and manufacturing process:	Wrought Seamless fittings by Hot Forming Process
Mandatory conditions and sub-contractors	- Steelmaker: Forging material: Italfond SpA, Cogne S.p.A, Valbruna S.p.a Starting material can be directly from forged bars or forging by Forge Nicromo SMLS Pipe material: Salzgitter-Mannesmann France; Salzgitter-Mannesmann Italy, Tubacex Spain - Heat treatment by: Forge Nicromo SPA (TT2-TT3) - All tests performed by: SMT srl - NDE performed by internal or external operator certified at least level 2 according to EN ISO 9712 - Pickling by: Bama srl
Other informations:	- if request UT can be performed according to NORSOK M630 MDS DH53 - Heat treatment verification has been carried out
Qualification expires	April 2027

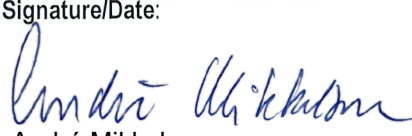
Tested and qualified thickness and weight

Products and manufacturing process:	Test record No.	Tested thickness mm	Qualified thickness Mm	Test piece weight Kg	Qualified weight Kg
Wrought fittings: Elbows from forging	240538-MSE-100	80	≤ 80	All	All
Wrought fittings: Tee from forging	240538-MST-100	80	≤ 80	All	All
Wrought fittings: Elbows from SMLS Pipe	240538-MSEP-100	25,4	≤ 31,75	All	All
Wrought fittings: Tee from SMLS Pipe	240538-MSET-100	25,4	≤ 31,75	All	All

Qualification/acceptance signature

Manufacturer: FAD INTERNATIONAL S.p.A. Via Monza, 146 20060 Gessate (MI) – Italy	Prepared by/ Date: M.Casarini 11/04/2025  FAD INTERNATIONAL S.p.A.	Checked by/Date: M.Arosio 11/04/2025  FAD INTERNATIONAL S.p.A.
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The manufacturer and this QTR have been evaluated and found to be in compliance with the requirements of NORSOK M650 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: AKER SOLUTIONS  Fomebu, Norway NO 929 877 950 VAT	Signature/Date:  30/04/2025 André Mikkelsen
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