Degerfors Long Products	**Qualification Test Record (QTR)** **NORSOK M-650**	*QTR. No.:* *QTR 25-7-3W-01 2016* *Ver. No.: 3*
Manufacturer name/address/ Web page:	Degerfors Long Products AB, SE 693 81 Degerfors, Sweden www.cognedegerfors.com	
Reference standard	NORSOK M-650, Edition 4 In compliance with ISO 17782:2018	
Material designation and MDS No.:	ASTM A479: UNS S32760; MDS D57, Rev. 6	
Manufacturing Summary doc. No.:	MS NORSOK 2507/25-7-3W Thermotech Värmebehandlingscenter AB	*Ver. No.: 5*
Products and manufacturing process(es):	**Hot rolled bar** **Hot rolled:** Melting – Casting – Bloom heating – Rolling – Batch heat treatment – Testing – Possible surface finishing (peeling or grinding)	
Mandatory conditions and sub-contractors:	a) Start Material: Continous cast bloom from Marcegaglia Stainless Sheffield Ltd. SMACC, Sheffield, UK b) Heat treatment at Thermotech Värmebehandlingscenter AB, Karlskoga Furnace 12-157 c) Test specimen preparation at Micke Stridh AB, Degerfors or at Element Materials Technology, Karlskoga d) Testing at Outokumpu Stainless AB, QPE Degerfors or Element Materials Technology, Karlskoga	
Other information:	1. Verification of heat treatment procedure has been carried out. Reports (VER-005 and VER-006) are attached in this QTR 2. QTR updated to comply with production testing to MDS D57 Rev 6 3. QTR Rev 3 updated with change of company name to Cogne Degerfors Long Products.	
Qualification expires:	December, 2025	

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***
Hot rolled bar	UNS S32760 Qualification test report	170	Max 170	N/A	N/A

Qualification/acceptance signatures

Manufacturer:	***Prepared by/Date:***	***Checked by/Date:***
Degerfors Long Products AB	EHSQ Manager: Jessica Wasserfaller 2024-10-21	Technical Manager and Managing Director : Sara Randström 2024-10-21

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:***
Aker Solutions AS PO Box 94 1325 Lysaker, Norway AkerSolutions Fornebu, Norway NO 929 877 950 VAT	29/10/2024