


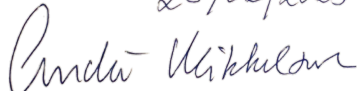


Manufacturer logo	Qualification Test Record (QTR) NORSOK M-650				QTR. No.: 2205-2014
					Rev. No.:7
Manufacturer name/address/ Web page:	Outokumpu Stainless AB, Avesta Works, P.O. Box 74, SE 77422 Avesta, Sweden www.outokumpu.com				
Reference standard	NORSOK M-650, Edition 4/ ISO 17782:2018				
Material designation and MDS No.:	ASTM: UNS S32205, UNS S31803; EN 10088-2 & EN 10028-7: 1.4462. NORSOK M-630 MDS D45 rev 6; NORSOK M-120 MDS YD38 rev.0; IOGP S-563 ID145/ID145S rev01.				
Manufacturing Summary doc. No.:	MS NORSOK 23-2205				Rev. No.:1
Products and manufacturing process(es):	Hot and cold rolled stainless steel plate, sheet and strip. Hot rolled: Melting – Casting – Hot rolling – Annealing and pickling – Finishing and testing Cold rolled: Melting – Casting – Hot rolling – Annealing and pickling – Cold rolling – Annealing and pickling – Finishing and testing				
Mandatory conditions and sub-contractors:					
Other information:	1 Verification of heat treatment procedure has been carried out. Ref report no 2012-009-v3 2 Temperature of quenching medium in AP-line is 50-55 C. 3 Slab supplier may also be Outokumpu Tornio Works 4 Yearly TUS according to internal procedure 6613 "Verification of HTP".				
Qualification expires:	February 2028				
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 plate and strip	2205 HR Qualification test report	8	Max 10	N/A	N/A
Cold rolled plate and strip	2205 HR Qualification test report	6	Max 7,5	N/A	N/A
Qualification/acceptance signatures					
Manufacturer: Outokumpu Stainless AB, Avesta Works	Prepared by/Date: 2023-02-20 QC Specialist Kristina Wretstam 	Checked by/Date: 2023-02-20 QM Manager Maria Lindvall 			
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. <i>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.</i>					
Qualified/Accepted by (company name /address):  Aker Solutions Fomebu, Norway NO 929 877 950 VAT			Signature/Date:  28/02/2023		