



Manufacturer logo	<b>Qualification Test Record (QTR) NORSOK M-650</b>		QTR. No.: 2205-2014
			Rev. No.:9
<b>Manufacturer name/address/ Web page:</b>	Outokumpu Stainless AB, Avesta Works, P.O. Box 74, SE 77422 Avesta, Sweden www.outokumpu.com		
<b>Reference standard</b>	NORSOK M-650, Edition 4/ ISO 17782:2018		
<b>Material designation and MDS No.:</b>	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.		
<b>Manufacturing Summary doc. No.:</b>	MS NORSOK 23-2205	Rev. No.:3	
<b>Products and manufacturing process(es):</b>	Hot and cold rolled stainless steel plate, sheet and strip. <b>Hot rolled:</b> Melting – Casting – Hot rolling – Annealing and pickling – Finishing and testing <b>Cold rolled:</b> Melting – Casting – Hot rolling – Annealing and pickling – Cold rolling – Annealing and pickling – Finishing and testing		
<b>Mandatory conditions and sub-contractors:</b>			
<b>Other information:</b>	1 Verification of HTP according to report 2024-2304-VHTP 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. 5 Revision 9 after revamp of annealing furnace September-2024.		
<b>Qualification expires:</b>	February 2028		



**Tested and qualified thickness and weight**

<b>Products and manufacturing process(es):</b>	<b>Test record No.</b>	<b>Tested thickness mm</b>	<b>Qualified thickness mm</b>	<b>Test piece weight kg</b>	<b>Qualified weight kg</b>
Hot rolled plate and strip	2205 HR Qualification test report	8	Max 10	N/A	N/A
Cold rolled plate and strip	2205 CR Qualification test report	6	Max 7,5	N/A	N/A

**Qualification/acceptance signatures**

<b>Manufacturer:</b> Outokumpu Stainless AB, Avesta Works	<b>Prepared by/Date:</b> 2024-11-20 QC Specialist Kristina Wretstam 	<b>Checked by/Date:</b> 2024-11-20 QM Manager Maria Lindvall 
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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.*

<b>Qualified/Accepted by (company name /address):</b>  <b>AkerSolutions</b> Fornebu, Norway NO 929 877 950 VAT	<b>Signature/Date:</b>  12/12/2024
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