
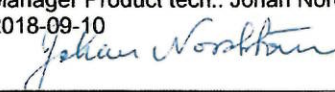

	Qualification Test Record (QTR) NORSOK M-650				QTR. No.: 254SMO-2014
					Rev. No.:3
Manufacturer name/address/ Web page:	Outokumpu Stainless AB, Avesta Works, P.O. Box 74, SE 77422 Avesta, Sweden www.outokumpu.com				
Reference standard	NORSOK M-650, Edition 4				
Material designation and MDS No.:	ASTM A240: UNS S31254, EN 10088-2 & 10028-7: 1.4547 MDS – R15 rev 5				
Manufacturing Summary doc. No.:	MS-NORSOK 18-SMO				Rev. No.:2
Products and manufacturing process(es):	Cold rolled stainless steel plate, sheet and strip 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 2012-008v2 2.Temperature of quenching medium in AP-line is 50-55 C.				
Qualification expires:	February 2023				
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
Cold rolled plate, sheet and strip	UNS S31254 Qualification test report	6,7	Max 8,4	N/A	N/A
Qualification/acceptance signatures					
Manufacturer: Avesta Works Outokumpu Stainless AB,	Prepared by/Date: Prod.dev.: Kristina Wretstam 2018-09-10 	Checked by/Date: Manager Product tech.: Johan Nordström 2018-09-10 			
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 Engineering & Technology AS Reg.nr. 879 817 552			Signature/Date: 27/9/2018 