
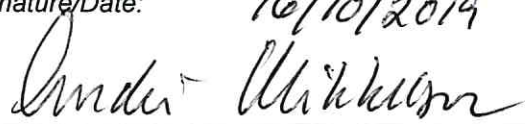
	QTR Qualification Test Record NORSOK M-650				QTR. No.: QTR_S32304
					Rev. No.: 1
Manufacturer name/address/ Web page:	Outokumpu Stainless AB, Quarto Plate Europe, SE-693 81 Degerfors www.outokumpu.com				
Reference standard	NORSOK M-650 rev.4				
Material designation and MDS No.:	ASTM A240 UNS S32304 Outokumpu QPE MDS D35 rev. 5				
Manufacturing summary doc. No.:	MS-32304				Rev. No.: 1
Products and manufacturing process(es):	Quarto stainless plate Europe, solution annealed and pickled: Production Routes: A1: Slab Avesta + Rolling in Degerfors + Heat treatment in Rolling Hearth Furnace Degerfors A2: Slab Avesta + Rolling in Degerfors + Heat treatment in Batch furnace Degerfors				
Mandatory conditions and sub-contractors:	Sub-contractors: Slab Avesta				
Other information:	Verification of Heat treatment Furnaces carried out. References: - Report 4.0 Verification of heat treatment procedure in Roller Hearth furnace, 1100 C° - Verification report BF1 (880-109) - Verification report BF2 (880-110)				
Qualification expires	2020-12-21				
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 stainless plate, solution annealed and pickled:					
A1	TR_2108-11-04	25	31	1578	-
A2	TR_8398-25-01	40	50	3298	-
Qualification/Acceptance signatures					
Manufacturer: Outokumpu Stainless AB	Prepared by/Date: Technical development Veronica Sundberg/2019-10-16		Checked by/Date: General Manager T&Q dept. Jim Augustsson/2019-10-16		
<p style="text-align: center;"> <i>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> <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> </p>					
Qualified/Accepted by (company name/address):  AkerSolutions Fornebu, Norway NO 929 877 950 VAT			Signature/Date:  16/10/2019		