outokumpu (1)	Qualifi	QT cation	R Test Recor	d Q1	TR. No.: FR_S31254
	NORSOK M-650			Re	ev. No.:4
Manufacturer name/address/ Web page:	Outokumpu Stainless AB, QPE, SE-693 81 Degerfors www.outokumpu.com				
Reference standard	NORSOK M-650 rev.4 in compliance with ISO 17782				
Material designation and MDS No.:	ASTM A240 UNS S31254 MDS R15 rev. 6				
Manufacturing summary doc. No.:	MS-UNS S31254				ev. No.:
Products and manufacturing process(es):	Hot rolled stainless plate, solution annealed and pickled: A2: Slab Avesta + Rolling in Degerfors+ Heat treatment in Batch Furnaces (BF1 or BF2) Degerfors A3: Slab Avesta +Diffusion annealing Avesta+Rolling in Degerfors+ Heat treatment in Batch Furnaces (BF1 or BF2) Degerfors				
Mandatory conditions and sub-contractors:	Sub-contractors: Slab Avesta				
Other information:	Verification of Heat treatment Furnaces carried out. References: - Verification report BF1 (880-109) - Verification report BF2 (880-110) OTR Rev 4 undated to include MDS R15 Rev. 6 for production testing				
Qualification expires:	QTR Rev.4 updated to include MDS R15 Rev. 6 for production testing. 2025-12-09				
	Tested and Q	ualified 7	Thickness ar	nd Weight	
Products and manufacturing process(es): Hot rolled stainless plate, solution annealed and pickled:	Test record No.	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)
A2	TR 3485-32-04	32	Max 40	1748	-
A2	TR_3485-28-04	32	Max 40	1692	_
A3	TR_8135-03-03	32	Max 40	2092	-
Manufacturer: Outokumpu Stainless AB	Prepared by/Date: Technical development Veronica Sundberg/2021-04-21		Checked by/Date: T&Q Manager Christopher Myhrman/2021-04-21		
	chaser from his responsibility to er	sure that this qualific	cation is valid for his products w	iithin the essential variab	eles of NORSOK M-650.
Form	l by (company name cerSolutions nebu, Norway 19 877 950 VAT	e/address):	Signature/Date:	29/04 1 Whih	1/2021 heldre