				BUILDING TO THE PARTY OF THE PA	A STATE OF A STATE OF THE STATE	and annual to the second section of the second seco	
	Q	Qualification Test Record (QTR) NORSOK M-650				QTR. No.: 01	
1777						o.: 10	
Manufacturer name/address/ Web page: Reference standard	Germai www.bi	H. Butting GmbH & Co. KG, Gifhorner Str. 59, 29379 Wittingen-Knesebeck, Germany www.butting.de NORSOK M-650, Edition 4					
Material designation MDS No.:	and ASTM AUNS S	ASTM A928 Type 22Cr Duplex UNS S31803 / UNS S32205 Cl.1/3/5 NORSOK M-630:2020 MDS D42 Rev. 6					
Manufacturing Sumi	mary D-01	D-01			Rev. N	Rev. No.:06	
Products and	Cold fo	Cold formed Stainless Steel Pipes, longitudinally welded by					
manufacturing process(es):	EB/GT/ PAW/G PAW/G EB/GT/	EB/GTAW/SAW Double sided Furnace HT EB/GTAW Double sided Furnace HT PAW/GTAW Double/single sided Furnace HT PAW/GTAW Double/single sided Induction HT (in I EB/GTAW Double sided Induction HT (39- PAW/GTAW Double sided Induction HT (39-			Prod Prod (in line) Prod (391) Prod	(391) ´ Prod. route No. 5	
Mandatory condition and sub-contractors	Raw Plate	 Cold forming, Heat treatment, Pickling Raw Material Suppliers Plate: Acroni, Allegheny, ATI, Böhler, Industeel, Outokumpu Coil: Acerinox, Allegheny, Aperam, ATI, Outokumpu, TISCO 					
Other information:	 Test Verif Quamee Rev Rev Rev 	 Test Laboratory accredited to ISO 17025 Verification reports included in Section 3 					
Qualification expires	14.0	14.03.2029					
Tested and qualified thickness and weight							
Products and manufacturing process(es):	Reference no.	Qualification order no.	Tested thickness mm	Qualified thickness mm	Test piece weight kg	Qualified weight kg	
Welded pipes / PR 1	QTR-01/R1	54/13682/01	45,24	56,55	N/A	N/A	
Welded pipes / PR 1	QTR-01/R1	85/42040/09	60,00	60,00	N/A	N/A	
Welded pipes / PR 1	QTR-01/R1	1000484	36,00	45,00	N/A	N/A	
Welded pipes / PR 2	QTR-01/R2	1077773	44,45	55,56	N/A	N/A	
Welded pipes / PR 3	QTR-01/R3	1077764	22,00	27,50	N/A	N/A	
Welded pipes / PR 4	QTR-01/R4	1075454	9,53	11,91	N/A	N/A	
Welded pipes / PR 4	QTR-01/R4	1182373	3,76	4,70 5.08	N/A	N/A	
L ANDIADA DIDAG L PD 4		175/1/6/	ı /I/X	เกษา	ι IN//Δ	ı ΙΝΙ/Δ	

Welded pipes / PR 4

Welded pipes / PR 5 Welded pipes / PR 5

Welded pipes / PR 6

QTR-01/R4

QTR-01/R5

QTR-01/R5

QTR-01/R6

1254767

1172534

1255040

1172520

4,78

15,09

19,05

15,09

5,98

18,86

23,81

18,86

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

Qualification/acceptance signatures Prepared by/Date:

Manufacturer: **BUTTING GmbH &** Co. KG

Sigrun Claus / 06.03.2024

Checked by/Date: Sabine Nagel / 06.03.2024

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.

Qualified/Accepted by (company name /address):

| Scandinavian Fittings & Flanges

Signature/Date: 0(,03,2024