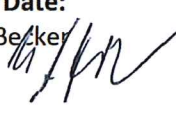


 BUTTING	Qualification Test Record (QTR) NORSOK M-650				QTR. No.: 01									
					Rev.No.: 02									
Manufacturer name/address/ Web page:	BUTTING Könnern GmbH, Windrose 1-2, D-06420 Könnern, Germany www.butting.de													
Reference standard	NORSOK M-650 Edition 4, DIN EN ISO 11782													
Material designation and MDS No.:	ASTM A928 CL.1 UNS S32750 NORSOK M630:2020 MDS D52, Revision 6.													
Manufacturing Summary doc. No.:	QTR-N-00-01				Rev. No.: 02									
Products and manufacturing process(es):	Cold formed stainless steel pipes, longitudinally welded by <table border="0"> <tr> <td>PAW/GTAW/GTAW</td> <td>Double sided</td> <td>Induction HT (off line)</td> <td>Production rout 1</td> </tr> <tr> <td>GTAW</td> <td>One sided</td> <td>Induction HT (off line)</td> <td>Production rout 1</td> </tr> </table>						PAW/GTAW/GTAW	Double sided	Induction HT (off line)	Production rout 1	GTAW	One sided	Induction HT (off line)	Production rout 1
PAW/GTAW/GTAW	Double sided	Induction HT (off line)	Production rout 1											
GTAW	One sided	Induction HT (off line)	Production rout 1											
Mandatory conditions and sub-contractors	<ul style="list-style-type: none"> Cold forming, Heat treatment, Pickling Raw Material Suppliers Plate: Outokumpu, Industeel, 													
Other information:	<ul style="list-style-type: none"> Verification reports included in Section 3 													
Qualification expires:	03.09.2026													
Tested and qualified thickness and weight														
Product and manufacturing process(es):	Reference no.	Fabrication order no.	Tested thickness mm	Qualified thickness mm	Test pieces weight kg	Qualified weight kg								
Welded pipes / PR2	530	1203263	8	10	N/A	N/A								
Welded pipes / PR2	531REP	1203263	8	10	N/A	N/A								
Welded pipes / PR2	BUT 60-31-016	1246599	15	18,75	N/A	N/A								
Qualification / acceptance signatures														
Manufacturer: BUTTING Könnern GmbH	Prepared by/Date: Marc-Andre Becker / 2023-11-22 		Checked by/Date: Mathias Michaelis / 2023-11-22 											
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: 24.11.2023 