



HEINZ GOTHE
GmbH & Co. KG

APPARATE- UND ROHRLEITUNGSBAU
Pressure Vessels- Pipingsystems



Druckerstraße 12-20 – D-41238 Mönchengladbach – Telefon 02166-1292-0 – Fax 02166-129220

	Qualification Test Record (QTR)				QTR. No.: 001	
	NORSOK M-650				Rev. No.: 01	
Manufacturer name/address/ Web page:	Heinz Gothe GmbH & Co. KG					
Reference standard	NORSOK M-650, Edition 4					
Material designation and MDS No.:	ASTM A928 Class 1 UNS S31803 acc. Norsok M-630 Ed.6; MDS D42, Revision 5.					
Manufacturing Summary doc. No.:	MS 001				Rev. No.: 0	
Products and manufacturing process(es):	Welded pipes with wall thickness from 10 to 48.25 mm manufactured from the plates by cold forming with addition of filler metal in accordance with pipe-fabrication-flowchart.					
Mandatory conditions and sub-contractors:	Heat treatment by: Wilh. Schulz GMBH Krefeld Furnace No. 570 Mechanical and Metallurgical Testing by: TÜV Rheinland Werkstoffprüfung GmbH; Am Grauen Stein; 51105 Köln, GWQ Gesellschaft für Werkstoffprüfung mbH; Am Schürmannshütt 30, 47441 Moers, MT Laboratories GmbH; Am Eisenbrand 24a; 40667 Meerbusch					
Other information:	Heat treatment verification test performed 03.04.2017					
Qualification expires:	29.01.2022					
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	
Pipes A928 Class 1 UNS S31803	QAR 1	15	18,75	N/A	N/A	
Pipes A928 Class 1 UNS S31803	QAR 2	38,6	48,25	N/A	N/A	
Qualification/acceptance signatures						
Manufacturer:	Prepared by/Date: K. Nowakowski / 07.04.2017		Checked by/Date: H. Winking / 07.04.2017			
<p>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.</p>						
Qualified/Accepted by (company name /address):			Signature/Date: 19.4.2017			
 Idrettsveien 144, N-5353 Straume			