


# MRC Global

	<b>Qualification Test Record</b> <b>NORSOK M-650 Edition 4</b>				QTR. No.: <b>26304180 – 2</b> Rev. No.: 1	
Manufacturer name/address/ Web page:	TPS-Technitube Röhrenwerke GmbH Julius-Saxler Straße 7 54550 Daun www.tpsd.de					
Reference standard	Norsok M-650 Edition 4  Note: This QTR also cover ISO 17782					
Material designation and MDS No.:	ASTM B338 – 17 <sup>E1</sup> – Grade 2 (UNS R50400) MDS T28 Rev. 1 / TR2000 MDS TT101 Rev. No. C IOGP MDS No. IT 108					
Manufacturing summary doc. No.:	MS-26304180 – 2				Rev. No: 1	
Products and manufacturing process(es):	Seamless cold finished tubes with bright annealed surface (Heat treatment process: solution annealed (bright annealed) and gas quenched)					
Mandatory conditions and sub-contractors:	Heat treatment process only on furnace no. 2 Raw material is qualified acc. to Norsok M-650					
Other information:						
<b>Tested and Qualified Thickness and Weight</b>						
Products and manufacturing process(es):	Test record No.	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)	
		mm	mm	N/A	N/A	
seamless cold finished tubes	2021 – 30254	2,11	2,64	N/A	N/A	
<b>Qualification/acceptance signatures</b>						
Manufacturer:	Prepared by/Date: (title) <b>TPS TECHNITUBE</b> <small>RÖHRENWERKE GMBH</small> <small>P.O. Box 1509</small> <small>54541 Daun, Germany</small> Frederik Meyer / 29.08.2022 (Quality Coordinator)			Checked by/Date: (title) <b>TPS TECHNITUBE</b> <small>RÖHRENWERKE GMBH</small> <small>P.O. Box 1509</small> <small>54541 Daun, Germany</small> Björn Schmitt / 29.08.2022 (Quality Assurance / -planning)		
<b>Remarks/Special remarks:</b> <ol style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>This qualification is executed and accepted by MRC Global as "Qualifying Company" solely for the supply of the above listed products to MRC Global as "Purchaser", and MRC Global assumes no liability for the use of or reliance on this qualification/ acceptance by other purchasers.</li> <li>In accordance with MRC Global internal routines and procedures, the validity of the qualification/acceptance is 1 year from the initial signing of the QTR front sheet, after which the qualification/acceptance is subject to annual verification and renewal.</li> </ol>						
<b>Qualified/Accepted by (company name/address):</b>  <div style="text-align: center;"> <b>MRC Global Norway AS</b>  <b>Gamle Forusveien 53</b>  <b>4033 STAVANGER</b> </div>				Initial approval date: 19.09.2022 Expiry date (annual review): 19.09.2025 Signature: 