
	Qualification Test Record (QTR) NORSOK M-650				QTR. No.: 07	
					Rev. No.: 03	
Manufacturer name/address/web page	H. Butting GmbH & Co. KG Gifhorner Str. 59, 29379 Wittingen-Knesebeck, Germany www.butting.de					
Reference standard	NORSOK M-650, Edition 4					
Material designation and MDS No.:	ASTM B862 Titanium Grade 2 UNS R50400 NORSOK M-630:2020, T22 Rev. 1					
Manufacturing Summary doc. No.:	D-07				Rev. No.:04	
Products and manufacturing process(es):	Cold formed Titanium pipes, longitudinally welded by: PAW Single sided welds Induction HT (in line) Prod. route No. 1					
Mandatory conditions and sub-contractors:	<ul style="list-style-type: none"> • Cold forming, pickling • Raw Material Suppliers <i>Coil: ATI Allegheny, Kobe Steel, Nippon Steel & Sumitomo Metal</i> 					
Other information:	<ul style="list-style-type: none"> • Test Laboratory accredited to ISO 17025 • Qualification testing acc. to NORSOK M-630 Ed.6 MDS T01 Rev.5, however all testing also meets requirements of NORSOK M-630:2020 MDS T22 Rev. 1 • Rev. 02 – Re-Qualification • Rev. 03 – Re-Qualification 					
Qualification expires:	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-07/R1	1140763	3,76	4,70	N/A	N/A
Qualification/acceptance signatures						
Manufacturer: BUTTING GmbH & Co. KG	Prepared by/Date: <i>Sigrun Claus / 30.01.2024</i>			Checked by/Date: <i>Sabine Nagel / 30.01.2024</i>		
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. <i>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.</i>						
Qualified/Accepted by (company name /address):  Scandinavian Fittings & Flanges				Signature/Date: 06.03.2024 <i>Vette R. Osterhus</i>		