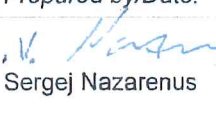



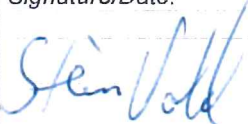


QTR		QTR No.: 01			
Qualification Test Record		Rev. No.: 04			
NORSOK M-650					
Manufacturer name/address/ Web page:	Deutsche Edelstahlwerke Specialty Steel GmbH & Co. KG Obere Kaiserstraße 4 57078 Siegen Germany www.dew-stahl.com				
Reference standard	Norsok M-650 Rev. 4				
Material designation and MDS No.:	ASTM A 479; UNS S 31803 / 32205 MDS D47 Rev. 5				
Manufacturing summary doc. No.:	MS-QTR-01-Si-HR_04	Rev. No.:	04		
Products and manufacturing process(es):	Hot rolled bars: Route 1 (Plant Siegen)				
Mandatory conditions and sub-contractors:	Heat Treatment by: DEW Plant Siegen Continuous furnace N° 6				
Other information:	The former qualification acc. NORSOK M-650 Rev. 3 was valid until March 2017. Requirements were fulfilled continuously, the qualification acc. to NORSOK M-650 Rev. 4 has been started immediately following the requirements of section 6. The QTR (including the Manufacturing Summary) has been updated; a verification of heat treatment procedure and the additional testing acc. to table 2 and the applicable MDS have been carried out.				
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)
Hot rolled bar	1708904/1174175	75	82,5	182	all
Hot rolled bar	Ident 1787906	45	89,0	~8848	all
Qualification/Acceptance signatures					
Manufacturer:	Prepared by/Date:	November 2018	Checked by/Date:	November 2018	
	 Sergej Nazarens	 Jan Uingemann	16. NOV. 2018 Dr. Till Schneiders		
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):			Signature/Date:		
AARBAKKE 			 17.01.19		
Brelmyra 1 4340 Bryne Norway					