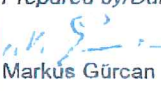



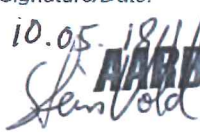


QTR		QTR. No.: 03			
Qualification Test Record		Rev. No.: 01			
NORSOK M-650					
Manufacturer name/address/ Web page:	Deutsche Edelstahlwerke Specialty Steel GmbH & Co. KG Oberschlesienstraße 16 4780/ Krefeld Germany www.dew-stahl.com				
Reference standard	Norsok M 650 Rev. 4				
Material designation and MDS No.:	ASTM A 479; UNS S 31803 / 32205 MDS D47 Rev. 5				
Manufacturing summary doc. No.:	MS-QTR-03-Kr-Forged_03	Rev. No.:	01		
Products and manufacturing process(es):	Forged bars: Route 3 (Plant Krefeld)				
Mandatory conditions and sub- contractors:	Heat I treatment by: DEW Plant Krefeld Bogie hearth furnaces N° 20 and N° 22				
Other information:	Machined at DEW Plant Krefeld				
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)
Forged bar	2047953/1504150	325	325	3024	all
Qualification/Acceptance signatures					
Manufacturer:	Prepared by/Date:	April 2018	Checked by/Date:	April 2018	
	 Markus Gürcan	 Jan Lingemann	 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  Breimyra 1 4340 Bryne Norway			10.05.18  AARBAKKE 