

QTR		QTR. No.: 05			
Qualification Test Record		Rev. No.: 03			
NORSOK M-650					
Manufacturer name/address/ Web page:	Deutsche Edelstahlwerke GmbH Oberschlesienstraße 16 47807 Krefeld Germany www.dew-stahl.com				
Reference standard	Norsok M-650 Rev. 4				
Material designation and MDS No.:	UNS S41426, Corrodur 4418 Mod, MDS-S13CR-110-FORGED Rev. 0				
Manufacturing summary doc. No.:	MS-QTR-05-Kr-Forged_01	Rev. No.:	04		
Products and Manufacturing process(es):	Forged bars: Route 3 (Plant Krefeld), max. size 310 mm				
Mandatory conditions and sub-contractors:	Heat Treatment by: DEW Plant Krefeld Continuous furnaces RAB 06 + and RG 05/RG 03 Delivered in peeled condition. UT tested. Mechanical and corrosion testing carried out for Deutsche Edelstahlwerke GmbH by an external laboratory based on Equinor's requirement: Centro Sviluppo Materiali S.p.A. Via di Castel Romano, 100 – 00128 Rome, Italy				
Other information:	Machined at DEW Plant Krefeld Agreed with Equinor (formerly Statoil) this QTR is valid until: 1 year Renewal of the QTR ref. MDS-S13CR-110-FORGED Rev. 01				
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 (complete)	872788	280	310	6000	7000
Forged bar (SSC/SCC)	959745	256.54	310	4000	7000
Forged bar (NORSOK)	976799	310	310	7000	7000
Forged bar (SSC/SCC)	993156	220	310	4000	7000
Qualification/Acceptance signatures					
Manufacturer:	Prepared by/Date:	April 2020	Checked by/Date:	April 2020	
	<i>Sup</i> Dr. Merlin Seifert	<i>Jan</i> Lingemann	<i>Dr. Rüdiger Ehrhardt</i> Dr. Rüdiger Ehrhardt	<i>Dr. Till Schneiders</i> Dr. Till Schneiders	
<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:		
Aarbakke AS Breimyra 1 4344 Bryne, Norway			<i>Marie Egeland</i> Marie Egeland		
AARBAKKE 					