-		QTI	3		QTR. No.: 2014-10-09		
SCHMEES S	SCHMEES Qualification Test Record						
5.00	NORSOK M-650				Rev No.:2		
Manufacturer	Edelstahlwerke Schmees GmbH						
name/address/	Basteistraße 60						
Web page:	01796 Pirna						
Reference standard	Norsok M650 Ed.4, 2011 – compliance to ISO 17782						
Material designation and MDS No.:	MDS D46 (ASTM A 995 Grade 4A (UNS J92205)); Type 22Cr Duplex Rev.5						
Manufacturing summary doc. No.:	ES AA 12.87 P				Rev. No.: 2		
Products and	Pumps, valve casings and other castings						
manufacturing process(es):	Sand casting only						
Mandatory conditions and sub- contractors:	Radiographic testing T<60mm by: SG Qualitätssicherung GmbH, Hugo Küttner Str. 5, 01796 Pirna Radiographic testing T>60mm by: Rothenseer Werkstoffprüfung GmbH, August-Bebel-Damm 24 – 30, 39126 Magdeburg Gesellschaft für Radiographie mbH, Am Walzwerk 41, 45527 Hattingen Pickling by: DH0 GmbH, Kunstseidenstraße 1, 01796 Pirna Tensile test, Impact Test, Microsructure examination, Corrosion test by: Siempelkamp GmbH, Am Lagerplatz 6A, 01077Dresden  Quality heat treatment in furnace No. 4 only. Verification of heat treatment procedure, furnace No.4, carried out. See report No.VHTP 11/02/2013						
Other information:	Solution annealing to be carried out after all weld repairs.						
Expiring Date:	October 2024						
Tested and Qualified Thickness and Weight							
Products and	Test record No.	Tested	Qualified	Test piece	Qualified		
manufacturing		thickness	thickness	weight	weight		
process(es):		(mm)	(mm)	(kg)	(kg)		
Pump Casing		150	150	550	all		
	0 1161	45 (8 -					
	Qualification/Acceptance signatures						
Manufacturer:	Prepared by/Date Hübner	X. C.	Checked by/Date	2 2019			
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.							
A 116 11A							
Fornebu, Norway NO 929 877 950 VAT  Signature/Date: 17/10/2019  Mill Mikhulom							

SCHMEES S	QTR Qualification Test Record NORSOK M-650			d	QTR. No.: 2014-08-08			
					Rev No.:1			
Manufacturer name/address/ Web page: Reference standard	Edelstahlwerke Schmees GmbH Basteistraße 60 01796 Pirna Norsok M650 Ed.4, 2011 – compilence to ISO 17782							
Material designation and MDS No.:	MDS D56 (ASTM A 995 Grade 5A (UNS J93404)); Type 25Cr Duplex Rev.5							
Manufacturing summary doc. No.:	ES AA 12.86 F	Rev. No.: 1						
Products and manufacturing process(es):	Pumps, valve casings and other castings Sand casting only							
conditions and sub- contractors:	SG Qualitätssicherung GmbH, Hugo Küttner Str. 5, 01796 Pirna Radiographic testing T>60mm by: Rothenseer Werkstoffprüfung GmbH, August-Bebel-Damm 24 – 30, 39126 Magdeburg Gesellschaft für Radiographie mbH, Am Walzwerk 41, 45527 Hattingen Pickling by: DH0 GmbH, Kunstseidenstraße 1, 01796 Pirna Tensile test, Impact Test, Microsructure examination, Corrosion test by: Siempelkamp GmbH, Am Lagerplatz 6A, 01077Dresden  Quality heat treatment in furnace No. 4 only. Verification of heat treatment procedure, furnace No.4, carried out. See report No.VHTP 11/02/2013 Solution annealing to be carried out after all weld repairs.							
Other information:				10				
Expiring Date:	October 2024							
	Tested and	<b>Qualified T</b>	hickness and	Weight				
Products and manufacturing process(es): Pump Casing	Test record No.	Tested thickness (mm) 150	Qualified thickness (mm) 150	Test pied weight (kg) 550				
	Qualifica	ation/Accep	tance signate	ures				
	Prepared by/Date Hübner		Checked by/Date:					
NO This acceptance does	PRSOK M-650 for not exempt any p	supply of the abourchaser from his	und to be in compli	iance with the and materials asure that this	2			
Qualified/Accepted Fo	Kersonano Frnebu, Norway 929 877 950 VA	ame/address):	Signature/Date:	17/10 Mihku	1/2019 Um			

SCHMEES S	QTR Qualification Test Record			2	OTR. No.: 014-10-28			
cast	NORSOK M-650				ev No.:2			
Manufacturer name/address/ Web page:	Edelstahlwerke Schmees GmbH Basteistraße 60 01796 Pirna							
Reference standard	Norsok M650 Ed.4, 2011 – compilance to ISO 11772							
Material designation and MDS No.:	MDS D56 (ASTM A 995 Grade 6A (UNS J93380)); Type 25Cr Duplex Rev.5							
Manufacturing summary doc. No.:	ES AA 12.82 P	R	lev. No.: 2					
Products and manufacturing process(es):  Mandatory	Pumps, valve casings and other castings Sand casting only							
conditions and sub- contractors:	SG Qualitätssicherung GmbH, Hugo Küttner Str. 5, 01796 Pirna Radiographic testing T>60mm by: Rothenseer Werkstoffprüfung GmbH, August-Bebel-Damm 24 – 30, 39126 Magdeburg Gesellschaft für Radiographie mbH, Am Walzwerk 41, 45527 Hattingen Pickling by: DH0 GmbH, Kunstseidenstraße 1, 01796 Pirna Tensile test, Impact Test, Microsructure examination, Corrosion test by: Siempelkamp GmbH, Am Lagerplatz 6A, 01077Dresden  Quality heat treatment in furnace No. 4 only. Verification of heat treatment procedure, furnace No.4, carried out. See report No.VHTP 11/02/2013 Solution annealing to be carried out after all weld repairs.							
Other information:								
Expiring Date:	October 2024							
	Tested and	Qualified TI	nickness and	Weight				
Products and manufacturing process(es): Pump Casing	Test record No.	Tested thickness (mm) 150	Qualified thickness (mm) 150	Test piece weight (kg) 550	Qualified weight (kg) all			
	Qualifica	tion/Accep	tance signati	ures				
Manufacturer:	Prepared by/Date Hübner  Checked by/Date:							
NO This acceptance does	DRSOK M-650 for not exempt any pu	supply of the abo Irchaser from his	und to be in compli ove listed products a responsibility to en l variables of NORS	ance with the re and materials. Isure that this q SOK M-650.	equirements of ualification is valid			
Qualified/Accepte	<b>Aby</b> (company na <b>Aker</b> Solution ornebu, Norway 929 877 950 VA	ame/address): 1S	Signature/Date:	17/10/ Ulikhuls	2019 m			