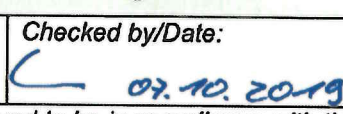

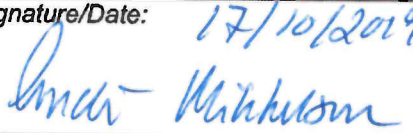


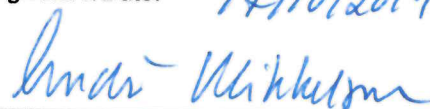

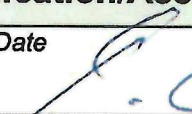


	QTR Qualification Test Record NORSOK M-650				QTR. No.: 2014-10-09
					Rev No.:2
Manufacturer name/address/ Web page:	Edelstahlwerke Schmees GmbH Basteistraße 60 01796 Pirna				
Reference standard	Norsok M650 Ed.4, 2011 – compliance to ISO 17782				
Material designation and MDS No.:	MDS D46 (ASTM A 995 Grade 4A (UNS J92205)); Type 22Cr Duplex Rev.5				
Manufacturing summary doc. No.:	ES AA 12.87 P				Rev. No.: 2
Products and manufacturing process(es):	Pumps, valve casings and other castings 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, Microstructure 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 Thickness and Weight					
Products and manufacturing process(es):	Test record No.	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)
Pump Casing		150	150	550	all
Qualification/Acceptance signatures					
Manufacturer:	Prepared by/Date Hübner		Checked by/Date:  07.10.2019		
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.					
Qualified/Accepted by (company name/address):  Aker Solutions Fornebu, Norway NO 929 877 950 VAT			Signature/Date: 17/10/2019 		

	QTR Qualification Test Record NORSOK M-650				QTR. No.: 2014-08-08
					Rev No.:1
Manufacturer name/address/ Web page:	Edelstahlwerke Schmees GmbH Basteistraße 60 01796 Pirna				
Reference standard	Norsok M650 Ed.4, 2011 – compliance 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 P				Rev. No.: 1
Products and manufacturing process(es):	Pumps, valve casings and other castings 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, Microstructure examination, Corrosion test by: Siempelkamp GmbH, Am Lagerplatz 6A, 01077 Dresden 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 Thickness and Weight					
Products and manufacturing process(es):	Test record No.	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)
Pump Casing		150	150	550	all
Qualification/Acceptance signatures					
Manufacturer:	Prepared by/Date Hübner		Checked by/Date: 07.10.2019		
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.					
Qualified/Accepted by (company name/address):  Aker Solutions Fornebu, Norway NO 929 877 950 VAT			Signature/Date: 17/10/2019 		

SCHMEES cast 	QTR Qualification Test Record NORSOK M-650				QTR. No.: 2014-10-28
					Rev No.: 2
Manufacturer name/address/ Web page:	Edelstahlwerke Schmees GmbH Basteistraße 60 01796 Pirna				
Reference standard	Norsok M650 Ed.4, 2011 – compliance 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				Rev. No.: 02
Products and manufacturing process(es):	Pumps, valve casings and other castings 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, Microstructure examination, Corrosion test by: Siempelkamp GmbH, Am Lagerplatz 6A, 01077 Dresden 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 Thickness and Weight					
Products and manufacturing process(es):	Test record No.	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)
Pump Casing		150	150	550	all
Qualification/Acceptance signatures					
Manufacturer:	Prepared by/Date Hübner 		Checked by/Date:  07.10.2019		
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.					
Qualified/Accepted by (company name/address):  Aker Solutions Fornebu, Norway NO 929 877 950 VAT			Signature/Date: 17/10/2019 