Qualification Test Record (QTR) Sand mould - ASTM A 995 5A (UNS J93404) NORSOK M-650



5QTR. No.:	5A-S	F	Pev. No.:	07 June 2	2023
Manufacturer name /address/ Web page:	SCHMEES cast Langenfeld GmbH Rudolf-Diesel-Weg 6-8, 40764 Langenfeld / Germany www.schmees.com				
Reference standard	NORSOK M-650, Edition 4				
Material designation and MDS No.:	ASTM A 995 5A (UNS J93404), MDS D 56 Rev. 6				
Manufacturing Summary doc. No.:	Manufacturing summary [MS24]			Rev. No.: 3	
Products and manufacturing process(es):	impeller, diffuser, stage casing, pump casing, etc. static castings, sand moulding				
Mandatory conditions and sub- contractors:	 tensile & impact test and micrographic examination by: TÜV Rheinland Werkstoffprüfung GmbH, Am Grauen Stein, D-51105 Köln or Element Materials Technology Hamburg GmbH, Tempowerkring 11, 21079 Hamburg radiographic testing by: TÜV AUSTRIA Tecnotest GmbH, Moselstr. 29, D-51371 Leverkusen pickling by: KSO Edelstahlbeizerei GmbH, Essener Str. 16, D-57234 Wilnsdorf corrosion testing by: TÜV Rheinland Werkstoffprüfung GmbH, Am Grauen Stein, D-51105 Köln or Element Materials Technology Hamburg GmbH, Tempowerkring 11, 21079 Hamburg quality heat treatment only in furnaces no. 03 / 05 				
Other information:	Revision updated according to MDS D56 Rev. 6 In compliance with ISO 17782				
Qualification expires:	Qualification expires 01.2027				
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
Stage casing	C443	120	120	267	All
Qualification/acceptance signatures					
Manufacturer:	Prepared by/Da OSTHOFF, Svei 07 June 2023	# 50	Checked by/Date: BRINKMANN, Peter 07 June 2023		
This acceptance does	SOK M-650 for so not exempt any p	upply of the abourchaser from	ve listed products	and materials. ensure that this o	
Qualified/Accepted by: Aker Solutions AS Snarøyveien 20, 1360 Fo PO Box 222, 1326 Lysak Norway	\cap	Signature/Date: 12/06/2023 MM W Whalm			