NORSOK M-650



5QTR. No.:	5A-C		Rev. No.:	07 June	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 [MS30]			Rev. No.: 3		
Products and manufacturing process(es):	impeller, diffuser, stage casing, pump casing, etc. static castings, ceramic 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	C438	100	100	71	142	
Qualification/acceptance signatures						
Manufacturer:	Prepared by/Da OSTHOFF, Sver 07 June 2023	SO		Checked by/Date: BRINKMANN, Peter 07 June 2023		
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: Aker Solutions AS Snarøyveien 20, 1360 Fo PO Box 222, 1326 Lysak Norway	s /	Signature/Date: 12/06/2023 MM W Whath				