
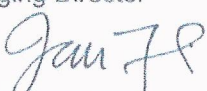


	<b>Qualification Test Record (QTR)</b> <b>NORSOK M-650</b>		QTR. No.: FWQTR995-6A
			Rev. No.: 1
<b>Manufacturer Name/Address/Web page:</b>	Furniss and White Foundries Ltd Unit 17, Abbey Way, North Anston Trading Estate, North Anston, Sheffield, S25 4JL www.f-w-f.co.uk		
<b>Reference Standard</b>	NORSOK M-650, Edition 4		
<b>Material Designation and MDS No.:</b>	ASTM A995 Grade 6A (UNS J93380), MDS D56 Revision 5		
<b>Manufacturing Summary Doc. No.:</b>	FWNP-QTR-D56-6A	Rev. No.: 1.0	
<b>Products and Manufacturing Process(es):</b>	Sand Castings in 25% Cr Duplex Steel by Induction Melting		
<b>Mandatory Conditions and Sub-Contractors:</b>	MAX REVERT 10% Processes subcontracted: <ul style="list-style-type: none"> <li>• Pickling</li> <li>• Radiography</li> <li>• Mechanical, Charpy Impact, Corrosion, Ferrite and Microstructure Testing</li> </ul>		
<b>Other Information:</b>	Heat Treatment process upgraded with new 5.3 tonne automated furnace and quench tank. <ul style="list-style-type: none"> <li>• Heat Treatment Procedure: FWMP-FET-HTR-D46</li> <li>• Verification of Heat Treatment Procedure: FW-NVHT</li> <li>• Report of Verification:                         <ul style="list-style-type: none"> <li>○ F1 furnace – FWNHTVR</li> <li>○ F2 furnace – FW-NVR-02</li> </ul> </li> </ul> Heat Treatment Uniformity Survey: FWMP-FET-HTR-002		
<b>Qualification Expires:</b>	22 <sup>th</sup> June 2022		

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
SAND CASTINGS	23450	150	150	286	Unlimited

Qualification/acceptance signatures		
<b>Manufacturer:</b>	<b>Prepared by/Date:</b> Andrew Stansfield, QA Manager  23 <sup>rd</sup> June 2017	<b>Checked by/Date:</b> Ian Furniss, Managing Director  23 <sup>rd</sup> June 2017
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.		
<b>Qualified/Accepted by (company name /address):</b>	<b>Signature/Date:</b>	
 <b>APPROVED</b> TORFINN HAVN	 29.06.2017	