
 <p>HIGHLAND FOUNDRY LTD OUR REPUTATION IS STAINLESS</p>	Qualification Test Record NORSOK M-650 Edition 4 M-630 Edition 5, MDS-D46 Rev 4 ASTM A995 Grade 4A UNS J92205		NORSOK-R4 - 4A	
	Approved By: <i>Dick Warda</i>		HFL Rev 1	10/17/14
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 <p>HIGHLAND FOUNDRY LTD OUR REPUTATION IS STAINLESS</p>	QTR Qualification Test Record NORSOK M-650			QTR. No.: <i>NORSOK-R4-4A</i>
				Rev. No.: 1
Manufacturer name/address/ Web page:	<i>Highland Foundry Ltd.</i> <i>9670-187th Street, Surrey, British Columbia V4N 3N6, Canada</i> <i>Ph: 604-888-8444, Fax: 604-888-3634</i> <i>www.highlandfoundry.com</i>			
Reference standard	<i>NORSOK M-650 Edition 4</i>			
Material designation and MDS No.:	<i>ASTM A995 Grade 4A, UNS J92205 & NORSOK M-630 Edition 5, MDS-D46 Revision 4</i>			
Manufacturing summary doc. No.:	<i>MS- NORSOK-R4-4A</i>	Rev. No.: 1		
Products and manufacturing process(es):	<i>Castings.</i> <i>Sand Molding with Furan Binder</i> <i>AOD Route: Remelting of 100% AOD refined charge material.</i> <i>Production to follow the process of the approved QTR.</i>			
Mandatory conditions and sub-contractors:	<i>Castings must be heat treated in the current Furnace #1 or Furnace #5</i> <i>Raw Material: AOD plate scrap supplied by allied Metals Corp., or AOD ingot from Remelt Sources Inc.</i>			
Other information:	<i>Qualification base material impact requirements are 20J higher than production requirements, see M-650 10.3.2.3 and exhibit 4.10</i>			
Qualification expires:	<i>October 17 2019</i>			

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)
Castings	NORSOK-R4-4A	127	127	341	All

Qualification/Acceptance signatures		
Manufacturer:	Prepared by/Date: <i>K. Stewellyn 10/17/14</i>	Checked by/Date: <i>[Signature] 10/17/14</i>

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): <i>FARRIS ENGINEERING</i> <i>a division of CURTIS WRIGHT FLOW CONTROL</i> <i>10195 BRECKSVILLE ROAD</i> <i>BRECKSVILLE, OHIO 44141</i>	Signature/Date: <i>[Signature]</i> 12/3/14
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Qualified/Accepted by (company name/address):  MRC Solberg Andersen Littleåsveien 61 5132 Nyborg	Signature/Date: For MRC Solberg Andersen: <i>[Signature]</i> /09.12.14
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