	Qualification Test Record (QTR) NORSOK M-650 Edition 4	QTR No. : M650 ED4-200mm-4A Rev: 0
Manufacturer Name/ address/ Web page:	Goodwin Steel Castings Ltd Ivy House Road, Hanley, Stoke-on-Trent, Staffordshire ST1 3NR www.goodwinsteelcastings.com	
Reference standard	Norsok M-650 Edition 4	
Material designation and MDS No:	ASTM A995 Grade 4A NORSOK M-630 MDS D46 Rev.5	
Manufacturing summary doc No:	MS-D46 Rev.5	Rev: 0
Product and Manufacturing process:	Sand castings Induction furnace melting	
Mandatory conditions and sub contractors:	Heat Treatment to WIP642 on Furnace no.5 Weld repairs for minor defects according to PQR 317 Weld repairs for major defects according to PQR 297A Laboratory testing for regular production by Metal Proving Services Ltd	
Other information		
Qualification Expires	February 2023	

Tested and qualified Thickness and weight

Product and Manufacturing processes:	Test record No:	Tested Thickness (mm)	Qualified thickness (mm)	Test Piece weight (kg)	Qualified weight (kg)
Induction Melted Castings	L9944 / L9945 / L9950	200	200	411	All

Qualification / Acceptance signatures

Manufacturer:	Prepared by/ Date:	Checked by / Date:
Goodwin Steel Castings Ltd	Ryan Leese / 19.02.18	Steve Roberts / 19.02.18

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 with in the essential variables of NORSOK M- 650.

3rd Party Witness (Company Name / address):	Signature/ Date: 19/2/18
Lloyds Register EMEA Cunard Building, Water St, Liverpool, L3 1EG	
Qualified / Accepted by (Company Name / address):	Signature/ Date:
Statoil, Norway PO Box 3 1330 FORNEBU Statoil ASA	Hans Martin Jahren / 23.04.18