



Certificate No : MD00/2344/0004/FW

**HOVAL LIMITED**  
**Bay 22, Beevor Street,**  
**Lincoln, LN6 7AD**  
**United Kingdom**

has been approved as a manufacturer in accordance with the requirements of Lloyd's Register for :-

**Fusion Welded Pressure Vessels Class 1**

This approval is subject to compliance with the Lloyd's Register Rules for the Classification of Ships. The full details of the processes, products and grades to which this approval applies are given in the Appendix of this certificate.

Lloyd's Register is to be notified of any change that may affect the validity of this Certificate.

This Certificate is issued to the above manufacturer and is valid until the date given below.

**Valid Until : 25 September 2013**  
**Date of Issue : 13 December 2010**

**Jaspal Nirankari**  
Principal Specialist to Lloyd's Register EMEA  
A member of the Lloyd's Register Group

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Appendix 1

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**Fusion Welded Pressure Vessels Class 1**

Category	Grades	Supply condition	Maximum thickness (mm)	Impact test temperature (degrees Celcius)
Group A	SAW	As Welded or PWHT	22.0	N/A
	SMAW	As Welded or PWHT	22.0	N/A
	GTAW	As Welded or PWHT	22.0	N/A
	GMAW	As Welded or PWHT	22.0	N/A
	FCAW	As Welded	18.0	-50

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