

Certificate No : MD00/4056/0001/PB

LOB GmbH
Porzer Strasse 1-5
D-51107 Koeln
Germany

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

Fusion Welded Pressure Vessels Class 2.1

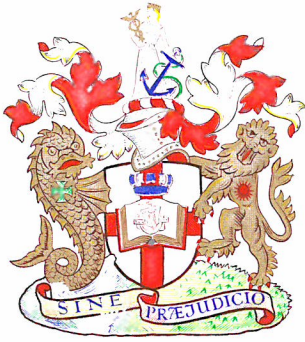
This approval is subject to compliance with the Lloyd's Register Rules for the Classification of Ships. The full details of the processes, products and grades to which this approval applies are given in the Appendix of this certificate.

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 : 18 July 2015
Date of Issue : 23 July 2012

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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Category	Grades	Supply condition	Maximum thickness (mm)	Impact test temperature (degrees Celcius)
Group A	GTAW	As Welded	20.0	-50
Group B	GTAW	As Welded	15.0	-50

Valid Until : 18 July 2015
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Jaspal Nirankari
Principal Specialist to Lloyd's Register EMEA
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