



Certificate No : MD00/3419/0005/FW

BILFINGER LTM INDUSTRIE SAS.
ZAC Du Bois Chevrier.
114, Rue Pasteur .
69780 Toussieu
France

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 : 19 April 2017
Date of Issue : 23 October 2014

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	35.0	-38
	SMAW	As Welded	20.0	-38
	GTAW	As Welded	6.0	-38
	FCAW	As Welded	15.0	-38
Group B	GTAW	As Welded	15.0	-196
	FCAW	As Welded	10.0	-196

'AGRIANDE' approved as a sub tier supplier for carrying out the longitudinal pressure vessels welds using the SAW process on Group A materials.

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