



Certificate No : MD00/3505/0004/1

JSW STEEL (USA) INC.  
5200 East McKinney Road  
Baytown  
Texas 77523  
United States of America

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

**Steel Plates**

This approval is subject to compliance with the Rules for the Manufacture, Testing and Certification of Materials. The full details of the processes 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 : 24 August 2020  
Date of Issue : 02 October 2017

A handwritten signature in blue ink, appearing to read "G. Young", is written over a horizontal line.

**Gavin Young**  
Metallurgical Specialist to Lloyd's Register EMEA  
A member of the Lloyd's Register group



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Appendix 1

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United States of America

Plates	Normal Strength	Grades	mm thickness Maximum
As Rolled	Fine Grain Al	D	35.0
As Rolled	Fine Grain Al	A, B	51.0
Normalized	Fine Grain Al	A, B, D, E	51.0
Normalizing Rolled	Fine Grain Al	A, B, D	102.0
Plates	Higher Strength	Grades	mm thickness Maximum
As Rolled	Fine Grain Al+Nb+Ti	AH27S, AH32, AH36, DH27S, DH32, DH36	12.5
Normalizing Rolled	Fine Grain Al+Nb+Ti	AH27S, AH32, AH36, DH27S, DH32, DH36, DH40	102.0
Plates	Boiler & Pressure Vessel	Grades	mm thickness Maximum
Normalized	Fine Grain Al	360FG, 410FG	51.0
Normalizing Rolled	Fine Grain Al+Nb+Ti	360FG, 410FG, 460FG, 490FG, 510FG	102.0
Normalizing Rolled	Fine Grain Al	360FG, 410FG	102.0

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