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Certificate No: LR20109355WA Issue Date: 24/08/2020 Expiry Date: 23/08/2023

## Approved Manufacturer of Steel Plates, Strip, Sections & Bars

Manufacturer JSW Steel

Address 5200 East Mckinney Road, Baytown, TX, 77520, United States

**Type** 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 on subsequent pages of this certificate.

This certificate is issued to the named manufacturer, and is valid until the expiry date specified. Lloyd's Register is to be notified of any change that may affect the validity of this certificate, and reserves the right to cancel or withdraw this certificate.



71 Fenchurch Street, London, EC3M 4BS, United Kingdom

## Li Xu

Senior Specialist- Fracture Mechanics and Fatigue Analysis to Lloyd's Register EMEA A member of the Lloyd's Register group

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## Approved Manufacturer of Steel Plates, Strip, Sections & Bars

Plates	Normal Strength	Grades	<b>Maximum Thickness</b>	Units
As Rolled	Fine Grain Al	D	35.00	mm
As Rolled	Fine Grain Al	B, A	51.00	mm
Normalized	Fine Grain Al	E, D, B, A	51.00	mm
Normalizing Rolled	Fine Grain Al	D, B, A	102.00	mm
Plates	Higher Strength	Grades	<b>Maximum Thickness</b>	Units
As Rolled	Fine Grain Al+Nb+Ti	DH36, AH36, DH32, AH32, DH27S, AH27S	12.50	mm
Normalizing Rolled	Fine Grain Al+Nb+Ti	DH40, DH36, AH36, DH32, AH32, DH27S, AH27S	102.00	mm
Plates	Boiler and Pressure Vessel	Grades	Maximum Thickness	Units
Normalized	Fine Grain Al	410FG, 360FG	51.00	mm
Normalizing Rolled	Fine Grain Al+Nb+Ti	510FG, 490FG, 460FG, 410FG, 360FG	102.00	mm
Normalizing Rolled	Fine Grain Al	410FG, 360FG	102.00	mm



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