



## Approved Manufacturer of Steel Forgings

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|---------------------|---|
| <b>Manufacturer</b> | <b>Iraeta Energy Equipment Co., Ltd</b>                             |
| <b>Address</b>      | No. 4177, Jiwang Road, Zhangqiu district, Jinan City, 250217, China |
| <b>Type</b>         | Steel Forgings  |

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

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**Peter Amin**  
NDE Team - Senior Specialist to Lloyd's Register EMEA  
A member of the Lloyd's Register group

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## Approved Manufacturer of Steel Forgings

| Steel Forgings          | Forgings | Grades               | Maximum Weight | Units  |
|-------------------------|----------|----------------------|----------------|--------|
| Annealed                | -        | Carbon               | 3.30           | Tonnes |
| Normalized              | -        | Carbon               | 3.30           | Tonnes |
| Normalized and Tempered | -        | Carbon               | 3.30           | Tonnes |
| Quenched and Tempered   | -        | Carbon               | 3.30           | Tonnes |
| Annealed                | -        | Carbon-manganese     | 3.30           | Tonnes |
| Normalized              | -        | Carbon-manganese     | 3.30           | Tonnes |
| Normalized and Tempered | -        | Carbon-manganese     | 3.30           | Tonnes |
| Quenched and Tempered   | -        | Carbon-manganese     | 3.30           | Tonnes |
| Normalized              | -        | Alloy                | 2.20           | Tonnes |
| Normalized and Tempered | -        | Alloy                | 2.20           | Tonnes |
| Quenched and Tempered   | -        | Alloy                | 2.20           | Tonnes |
| Solution Treated        | -        | austenitic stainless | 300.00         | Kg     |



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