

**TOSHIBA JSW POWER SYSTEMS PVT. LTD.**

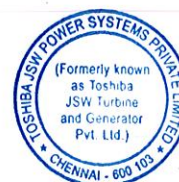
(Formerly known as Toshiba JSW Turbine and Generator Pvt. Ltd.)

S.No. 74-95, VAIKKADU VILLAGE, ANDARKUPPAM CHECK POST,  
MANALI NEW TOWN, CHENNAI - 600 103.



TAMILNADU, INDIA, TEL : +91-44-30666000 FAX : +91-44-30666025

**PERFORMANCE CERTIFICATE**

| Sr. No. | Specifications / Description of Points   | Remarks  |              |                               |
|---------|--|--|--------------|-------------------------------|
| 1       | Name of the Machine  | HORIZONTALLY POSITIONED ROTOR WELDING MACHINE        |              |                               |
| 2       | Supplier's Name  | POLYSOUDE S.A.S. FRANCE                              |              |                               |
| 3       | <u>Details of Welding Equipment.</u>   |  |              |                               |
|         | Particulars  | Model  | Serial No.   | Month & Year of Commissioning |
|         | Welding Power Source   | PC600-3 HW   | 1671141      | June 2016                     |
|         | External Chilling Unit   | KRA 30   | 18980-06     | June 2016                     |
|         | Complete welding Head consist of,<br>- Rotation 90°<br>- Slide Rotation 90°<br>- Welding boom with wire feeder<br>- Narrow Gap Hot wire TIG welding troch with double camera system & monitor trailer<br>- AVC & Oscillation slides<br>- Longitudinal slide<br>- Cable & Hose Bundle |  | 139969       | November 2013                 |
|         | Video container unit   |  | 05059IN2H5-1 | November 2013                 |
|         | 90T Rotor station electro-Mechanical   | MT.14.041.A  | 21218        | November 2013                 |
|         | 90T Rotor Electrical Control Cabinet   |  |              | June 2016                     |
| 5       | Application for which the welding systems is used  | Rotor welding in Horizontal Position (1G)            |              |                               |
| 6       | Capability to weld   |  |              |                               |
| 6.3.1   | Welded narrow gap job thickness (Maximum)  | Up to 200mm Thickness                                |              |                               |
| 6.3.2   | Welded Job size  | Min. Ø800mm to Ø1200mm, Length: 11Mtr, Weight: 90Ton |              |                               |
| 6.3.3   | Job Material   | 12CrMo and CrMoV Steel,                              |              |                               |



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|                                 |   |   |
|---------------------------------|---|---|
| 6.3.4                           | Weld Head Slide strokes   | AVC: 800mm<br>OSC: 100mm (max +/-10mm inside the 100mm clearance between rotor discs)<br>Longitudinal slide: (used for tacking segments): 30mm<br>Rotation: +/-90° with 15° unit scale  |
| 7                               | Performance of the machine (Please tick the appropriate option) | Satisfactory / <del>Non-satisfactory</del>  |
| 8                               | Service after sales (Please tick the appropriate option)        | Satisfactory / <del>Non-satisfactory</del>  |
| 9                               | Other remarks (if any)  |   |
| Date: 07 <sup>th</sup> Sep 2017 |   | Signature & seal of the Authority Issuing the performance Certificate<br><br>V. Saravanan<br>General Manager - Plant Facilities and Maintenance  |

