

## CERTIFICATE OF CALIBRATION TEMPERATURE SENSOR

Certificate No. : 0684-24-HI-CAL-10D

### Customer Information

Company Name PT. Bhumi Jati Power  
Address PLTU Tanjung Jati B Unit 5&6 Tubanan, Kembang, Jepara - Jawa Tengah  
Contract No. C-BJP-24-0013-OTH

### Instrument Information

|                        |  |                |                     |
|------------------------|--|----------------|---------------------|
| KKS No.                | 60MAD10CT070                           | Range          | 0 ~ 150             |
| Instrument Description | TURBINE BEARING NO.2 METAL TEMPERATURE | Unit           | °C                  |
| Manufacture            | YAMARI                                 | Out. Signal    | 4 - 20 mA           |
| Model                  | -                                      | Max. Deviation | 1.7 °C (JIS)        |
| Serial Number          | -                                      | Cal. Date      | 25-05-2024          |
| Instrument Location    | TURBINE 3RD FLOOR                      | Temp. Element  | Thermocouple Type E |

### Environment Condition

|             |         |                |         |
|-------------|---------|----------------|---------|
| Temperature | 31.7 °C | DCS Reading    | 39.8 °C |
| Humidity    | 52 % RH | Actual Reading | 38.9 °C |

### Calibration Result

| Data Reading |            |            |           |        |         |            |            |           |        |
|--------------|------------|------------|-----------|--------|---------|------------|------------|-----------|--------|
| As Found     |            |            |           |        | As Left |            |            |           |        |
| Input        | Std Output | Output UUT | Deviation | Result | Input   | Std Output | Output UUT | Deviation | Result |
| [°C]         | [°C]       | [°C]       |           |        | [°C]    | [°C]       | [°C]       |           |        |
| 40           | 40.000     | 39.000     | -1.000    | Pass   |         |            |            |           |        |
| 60           | 60.000     | 59.000     | -1.000    | Pass   |         |            |            |           |        |
| 90           | 90.000     | 89.100     | -0.900    | Pass   |         |            |            |           |        |
| 120          | 120.000    | 119.100    | -0.900    | Pass   |         |            |            |           |        |
| 150          | 150.000    | 149.100    | -0.900    | Pass   |         |            |            |           |        |

### Standard Reference

| Description                              | Serial Number | Certificate Number | Calibration Date |
|--|---------------|--------------------|------------------|
| Documenting Process Calibrator Fluke 754 | 43550006      | S. 22 022 080      | 21-02-2022       |

### Calibration Method

0012/SOP\_BJS/2023  
Loop Check Temperature Element and Temperature Transmitter

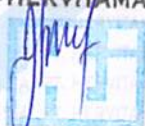
This certificate comprise of 1 page  
Date of issue, 26-05-2024

Customer Signature,



Ayrton Humardani Putradhi

Approved Signatory,



M. Taufiq Nur Fitriyan

Calibrated by,



Khajib Mundzirul Umam

Sertifikat ini berlaku untuk alat dengan nama, merek dan tipe / nomor seri yang dinyatakan diatas

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