



# Certificate of Calibration

## Temperature Sensor Measurement

Certificate No. : 0163-23-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-23-0008-OTH

### Instrument Information

|                        |  |                |                     |
|------------------------|--|----------------|---------------------|
| KKS No.                | 50LBR12CT005                                     | Range          | 0 ~ 200             |
| Instrument Description | BFPT B EXHAUST STEAM TEMPERATURE                 | Unit           | °C                  |
| Manufacture            | YAMARI SANGYO                                    | Out. Signal    | -                   |
| Model                  | T/C, TERMINAL HEAD TYPE(TYPE-E : Double Element) | Max. Deviation | 1.7 °C (JIS)        |
| Serial Number          | 5263809  | Cal. Date      | 24-05-2023          |
| Instrument Location    | Turbin Lt. 3                                     | Temp. Element  | Thermocouple Type E |

### Environment Condition

Temperature 24.5 °C  
Humidity 56 % RH

### 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     | 40.900     | 0.900     | Pass   |         |            |            |           |        |
| 50           | 50.000     | 51.100     | 1.100     | Pass   |         |            |            |           |        |
| 100          | 100.000    | 101.500    | 1.500     | Pass   |         |            |            |           |        |
| 150          | 150.000    | 151.400    | 1.400     | Pass   |         |            |            |           |        |
| 200          | 200.010    | 201.400    | 1.390     | Pass   |         |            |            |           |        |

### Standard Reference

| Description                            | Serial Number  | Certificate Number | Calibration Date |
|--|----------------|--------------------|------------------|
| DRYBLOCK ADDITEL 875                   | 660TH190400016 | S-22010642         | 14-07-2022       |
| FIK-754 DOCUMENTING PROCESS CALIBRATOR | 3611011        | S. 22 011 747      | 23-11-2022       |

### Calibration Method

0002/SOP\_BJS/2023  
Procedure of Calibration Temperature Element and Temperature Transmitter

This certificate comprise of 1 page  
Date of issue, 25-05-2023

Customer Signature,

Ayrton Humardani Putradhi

Approved Sign **HERVITAMA**

Arief Gunawan

Calibrated by,

Winda Fatikasari

**PT. HERVITAMA INDONESIA**

ELECTRICAL - INSTRUMENTATION - ENGINEERING

Puri Indah DA - 18 Sidoarjo 61224, Telp. (031) 8073636 - 39, Fax: (031) 8074269