



Certificate of Calibration

Temperature Sensor Measurement

Certificate No. : 0212-23-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. | 50MAC20CT045 | Range | 0 ~ 400 |
| Instrument Description | LP TURBINE LAST STAGE BLADE C TEMPERATURE | Unit | °C |
| Manufacture | YAMARI SANGYO | Out. Signal | - |
| Model | T/C, LEAD WIRE TYPE(TYPE-E:Double Element) | Max. Deviation | 4 °C |
| Serial Number | - | Cal. Date | 28-05-2023 |
| Instrument Location | Turbin Lt. 3 | Temp. Element | Thermocouple Type E |

Environment Condition

Temperature 29.8 °C
Humidity 49 % 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 | 38.700 | -1.300 | Pass | | | | | |
| 100 | 100.000 | 98.900 | -1.100 | Pass | | | | | |
| 200 | 200.000 | 199.000 | -1.000 | Pass | | | | | |
| 300 | 300.000 | 299.100 | -0.900 | Pass | | | | | |
| 400 | 400.000 | 399.200 | -0.800 | Pass | | | | | |

Standard Reference

| Description | Serial Number | Certificate Number | Calibration Date |
|--|---------------|--------------------|------------------|
| 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, 29-05-2023

Customer Signature,

Ayrton Humardani Putradhi

Approved by,

Arief Gunawan

Calibrated by,

Khabib Mundzirul Umam