



# Certificate of Calibration

## Temperature Sensor Measurement

Certificate No. : 0219-23-HI-CAL-10D

### Customer Information

Company Name PT. Bhumi Jati Power  
Address PLTU Tanjung Jati B Unit 5&6 Tubanan, Kembang, Jepra - Jawa Tengah  
Contract No. C-BJP-23-0008-OTH

### Instrument Information

KKS No.	50MAD10CT035	Range	0 - 150
Instrument Description	TURBINE BEARING NO.5 METAL TEMPERATURE	Unit	°C
Manufacture	YAMARI SANGYO	Out. Signal	-
Model	T/C, LEAD WIRE TYPE(TYPE-E : Triple Element)	Max. Deviation	1.7 °C (JIS)
Serial Number	-	Cal. Date	21-05-2023
Instrument Location	Turbin Lt. 3	Temp. Element	Thermocouple Type E

### Environment Condition

Temperature 30.1 °C  
Humidity 43 % 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	39.400	-0.600	Pass					
60	60.000	59.400	-0.600	Pass					
90	90.000	89.400	-0.600	Pass					
120	120.000	119.300	-0.700	Pass					
150	150.000	149.200	-0.800	Pass					

### Standard Reference

Description	Serial Number	Certificate Number	Calibration Date
Temperature Calibrator Fluke 724	5534569	S. 21 014 752	24-12-2021

### Calibration Method

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

This certificate comprise of 1 page  
Date of issue, 22-05-2023

Customer Signature,

Ayrton Humardani Putradhi

Approved By

Arief Gunawan

Calibrated by,

Khabib Mundzirul Umam