



# Certificate of Calibration

## Temperature Sensor Measurement

Certificate No. : 0214-23-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. 50MAD10CT010 Range 0 ~ 150  
Instrument Description TURBINE BEARING NO.10 METAL TEMPERATURE Unit °C  
Manufacture YAMARI SANGYO Out. Signal -  
Model T/C, TERMINAL HEAD TYPE(TYPE-E : Triple Element) Max. Deviation 1.7 °C (JIS)  
Serial Number - Cal. Date 23-05-2023  
Instrument Location Turbin Bearing 10 Met Temp Temp. Element Thermocouple Type E

### Environment Condition

Temperature 30.1 °C  
Humidity 52 % 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	40.100	0.100	Pass					
60	60.000	59.900	-0.100	Pass					
90	90.000	89.800	-0.200	Pass					
120	120.000	119.700	-0.300	Pass					
150	150.000	149.600	-0.400	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, 24-05-2023

Customer Signature,

Ayrton Humardani Putradhi

Approved Signatory,

INDEONESIA  
Arief Gunawan

Calibrated by,

Khabib Mundzirul Umam

PT. HERVITAMA INDONESIA

ELECTRICAL - INSTRUMENTATION - ENGINEERING

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