

TEMPERATURE TRANSMITTER CALIBRATION REPORT

Company: Your Company Name / Logo

Doc no: Rev:

Yellow cells: enter data. Grey cells: calculated automatically. Free template from instrumentationblog.in

Instrument details

Tag number		Service	
Make and model		Serial number	
Sensor type		Engineering unit	
Calibrated range LRV		Calibrated range URV	
Tolerance ($\pm$ % of span)		Damping (s)	

Test equipment and conditions

Simulator / calibrator		Standard certificate no	
Calibration date		Ambient temperature (°C)	

Calibration results (sensor simulated at the transmitter input)

Test point (% of span)	Applied temperature	Simulated signal (Ω or mV)	Expected output (mA)	As found output (mA)	As found error (% span)	As found result	As left output (mA)	As left error (% span)	As left result
0			4.000						
25			8.000						
50			12.000						
75			16.000						
100			20.000						
Maximum as found error (% span)									
Maximum as left error (% span)									
Overall result (as left if adjusted, else as found)									

Pt100 resistance values from the IEC 60751 table (0, 50, 100, 150, 200 °C). For thermocouples enter the mV from IEC 60584 and set the calibrator to the correct cold junction mode.

Performed by	Checked by	Approved by
Name:	Name:	Name:
Signature:	Signature:	Signature:
Date:	Date:	Date: