

PROCESS INSTRUMENT SALES

3 Brickfields Business park
Old Stowmarket Rd
Woolpit
Bury Saint Edmunds IP30 9QS

CUSTOMER

John Smith Works Ltd
123 The Street
Nowheresville
Glanshire XX3 2ZZ

Certificate Number	Issued By	Date of issue
02112020-01	C Hamman	02/11/2020

INSTRUMENT

Area:	Building 068 ETP	Model Number:	PT100
Description:	Temperature Transmitter	Serial Number:	11796-1-1
Manufacturer:	PCI Instruments	Loop Number:	TT1001

COMMENTS

Instrument was allowed to stabilize before calibration.

CALIBRATION EQUIPMENT

Temperature calibrator:	
Make/Model:	Jofra CTC-660
Serial Number:	681089-00624
Loop Calibrator:	
Make/Model:	Beamex MC6
Serial Number:	701906

CALIBRATION INFORMATION

The instrument was calibrated against laboratory standards whose values are traceable to recognised national standards.



RESULTS

Maximum Error:	+/- 0.5% of Span	Instrument Range:	-50 to +150 °C
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1.As Found

Injected °C	HMI Display °C	Chart Recorder Display °C	Loop Current Nominal (mA)	Loop Current Actual (mA)	Error (% of Span)	PASS/FAIL
-50	-	-	-	-	-	-
25	25.2	N/A	10.000	10.015	0.094	Pass
50	50.3	N/A	12.000	12.015	0.094	Pass
112.5	112.5	N/A	17.000	16.990	-0.063	Pass
150	150.0	N/A	20.000	19.990	-0.063	Pass

2.As Left

Injected °C	HMI Display °C	Chart Recorder Display °C	Loop Current Nominal (mA)	Loop Current Actual (mA)	Error (% of Span)	PASS/FAIL
-50	-	-	-	-	-	-
25	25.2	N/A	10.000	10.015	0.094	Pass
50	50.3	N/A	12.000	12.015	0.094	Pass
112.5	112.5	N/A	17.000	16.990	-0.063	Pass
150	150.0	N/A	20.000	19.990	-0.063	Pass

Calibrated By:	Calibration Date:	Calibration Due Date:
C. Hamman	02/11/2020	03/11/2021