

Calibration Certificate

Certificate Number: BX-10504-CAL
Work Order Number: 11052000 - 035

Printed: 09/08/2019 10:26:44
Printed by: Sami Koskinen
CMX Version: 2.11.714.0 (2.11)

Position

Position ID 101DR-TT0021
Name Dryer temperature to controller
Location 0025 Room
Plant Pharmaceutical Plant/Plant 1, Finland (BPF)/Block 1/101 DR (Dryer 1)/

Device

Device ID TT0021
Serial Number 43562
Manufacturer Kamstrup Flextop HRT
Rangeability -200 to 850 °C
Operating Temperature -10 to 80 °C
Operating Humidity Max. 85 %

Function

Name Temperature Transmitter (tt)
Transfer Function Linear
Range 0 ... 100 °C 4 ... 20 mA

Calibration Event

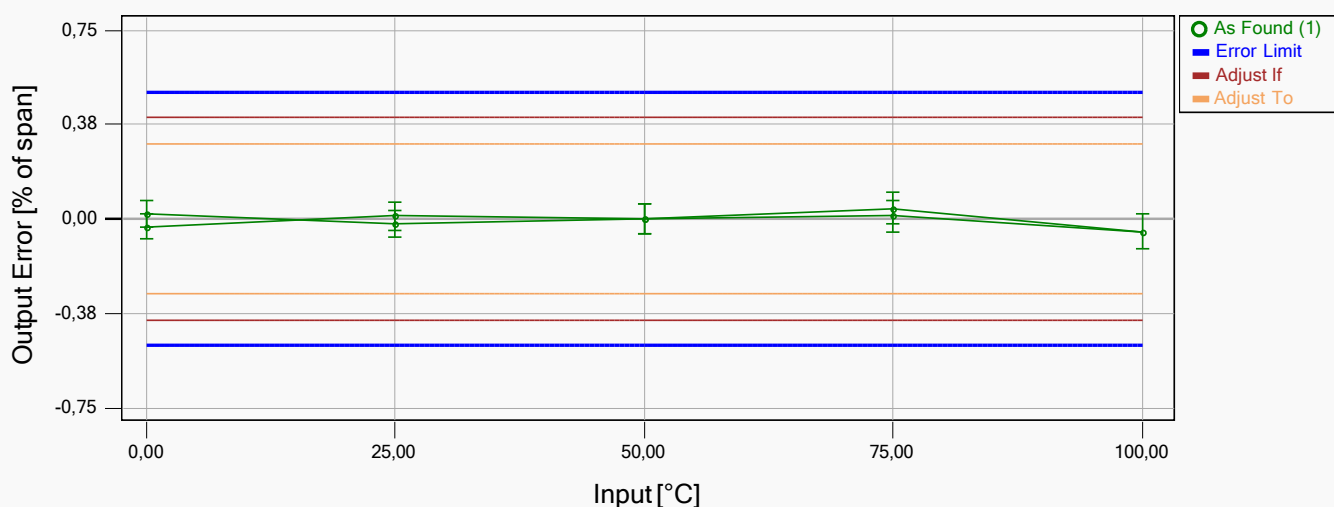
Calibration time 09/08/2019 10:25:40 (UTC +03:00)
Next Calibration 13/05/2020
Environment Temperature
Environment Humidity

Calibration Procedure

Due Date 14/05/2019 Interval 365 days
Reject If Error > 0,5 % of span
Adjust To Error < 60 % of Reject If Error Classification A1
Calibration Strategy Product Critical

Calibrators

Input Calibrator MC6 : 601404 Due Date: 10/11/2019
Input Module TC-R-OUT/ R1 : 61065 Due Date: 10/11/2019
Output Calibrator MC6 : 601404 Due Date: 10/11/2019
Output Module IN : 21091 Due Date: 10/11/2019



1. As Found

PASSED

Maximum Error: -0,05 % of span

Nominal Input [°C]	Actual Input [°C]	Nominal Output [mA]	Actual Output [mA]	Found Error [% of span]
0,00	0,000	4,00	4,0030	0,02
25,00	25,000	8,00	7,9966	-0,02
50,00	50,000	12,00	11,9997	-0,00
75,00	75,000	16,00	16,0014	0,01
100,00	100,000	20,00	19,9916	-0,05
75,00	75,000	16,00	16,0057	0,04
50,00	50,000	12,00	11,9995	-0,00
25,00	25,000	8,00	8,0014	0,01
0,00	0,000	4,00	3,9949	-0,03

Calibration Note:

Calibrated by: Sami Koskinen
09/08/2019 10:25:40 (UTC +03:00)