

## CALIBRATION CERTIFICATE

### CHARACTERISTICS OF THE INSTRUMENT TO CALIBRATE:

<b><u>INSTRUMENT:</u></b>	<b>DATALOGGER DE TEMPERATURA</b>
<b>MAKER:</b>	AUTOMATISMOS TEINCO
<b>MODEL:</b>	22T
<b>SERIAL Nº:</b>	0300000078131F41
<b>SCALE:</b>	0+125 °C
<b>SCALE DIVISION:</b>	0,01
<b>INMERSIÓN:</b>	TOTAL
<b>INTERNAL CODE:</b>	---

<b>PETITIONER:</b>	TRIOMACHINE,S.L. POL.EMPRESARIAL PORTO DO MOLLE-BUZON 65 36350 NIGRAN
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<b>CALIBRATION DATE:</b>	28/07/2021
<b>NEXT CALIBRATION DATE:</b>	28/07/2022
<b>(RECOMMENDED)</b>	

### CALIBRATION PROCESS:

<b><u>1.PATTERN USED:</u></b>	<b>DIRECT READING THERMOMETER WITH PT-100 PROBE.</b>
<b>MAKER:</b>	DELTA OHM
<b>MODEL:</b>	HD 2107.1 / TP 472 I.0
<b>SERIAL Nº:</b>	08008352/08008153
<b>CERTIFICATE:</b>	LT-210970-1

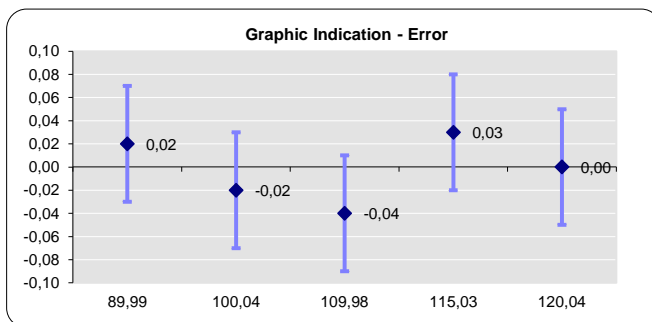
<b><u>2.PROCEDURE USED:</u></b>	INTERNAL PROCEDURE TEINCO P.G.C.-TER-96.02.
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<b><u>3.ENVIRONMENTAL CONDITIONS:</u></b>	AMBIENT Tª	22	°C
	RH	54	%

## CALIBRATION RESULT:

The instrument reading in the following table is considered as the average of the 4 values taken for each reference temperature in the calibration.

REFERENCE TEMPERATURE °C	INSTRUMENT READING °C	CORRECTION °C	UNCERTAINTY °C
89,99	89,97	0,02	0,05
100,04	100,06	-0,02	0,05
109,98	110,02	-0,04	0,05
115,03	115,00	0,03	0,05
120,04	120,04	0,00	0,05



## ACCURACY AND UNCERTAINTY:

1. For **ACCURACY**: The maximum correction that must be made is:

**0,04 °C**

2. For **UNCERTAINTY**: The contributions of the standards used, the calibration method, the calibrated instrument and environmental conditions have been considered for its calculation. Based on these data, the uncertainty associated with the calibration is:

TOTAL UNCERTAINTY ASSOCIATED = **0,05 °C**

Depending on the data obtained in the calibration, the deviations presented by the equipment, for the conditions defined in the test, are in the interval:

FROM:	±	0,05	°C
TO:	±	0,09	°C

The assigned uncertainties correspond to a level of reliability of not less than 95% K = 2 according to document EA-4/02.

The results contained in this certificate refer to the time and conditions in which the measurements were made.

CONTROL LABORATORY:

Signed: FRANCISCO TOUZA

**AUTOMATISMOS TEINCO,S.L.**



Calibration certificate extension date:

Vigo, a 28 de julio de 2021.