

## SERTIFIKAT KALIBRASI CALIBRATION CERTIFICATE

### Identitas Alat

*Instrument's Details*

**Nomor Identifikasi**

*Identification Number*

: CST011

**Nama**

*Name*

: Thermohygrometer

**Pabrik**

*Manufacturer*

: -

**Tipe / Nomor Seri/ID**

*Type / Serial Number/ID*

: HTC-1 / -

**Rentang Ukur / Resolusi**

*Range / Resolution*

: **Suhu** : 10 - 40 °C / 0.1 °C

*Temperature*

**Kelembaban** : 40 - 75 % RH / 1 % RH

*Humidity*

**Nomor SO**

: -

**Nomor Sertifikat**

: 03/13/1219

*Certificate number*

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### Identitas Pemilik

*Owner Details*

**Nama**

*Name*

: PT Sentral Teknologi Managemen

**Alamat**

*Address*

: Cikarang Square Blok B, Jalan Raya Cikarang Cibarusah No.11, Sukaresmi,  
Cikarang Selatan, Pasirsari, Cikarang Sel., Bekasi, Jawa Barat 17530

**Sertifikat ini terdiri atas 2 halaman**

*This certificate comprises of 2 pages*

Cikarang, 04 Mei 2020

**Disetujui oleh**

*Approved by*



**SENTRAL SISTEM  
CALIBRATION**

PT. Sentral Teknologi Managemen

**Rudi Eko Sunyono**

Manajemen Teknis



**Tanggal Terima** : 27 April 2020  
*Date of acceptance*  
**Tanggal Kalibrasi** : 27 April 2020  
*Calibration date*  
**Tempat Kalibrasi** : PT. SENTRAL TEHNOLOGI MANAGEMEN  
*Calibration place*  
**Kondisi Lingkungan** : **Suhu** :  $25.5 \pm 0.57^{\circ}\text{C}$  **Kelembaban** :  $57.4 \pm 1.7\% \text{ RH}$   
*Environment condition* *Temperature* *Humidity*

**Nomor Sertifikat** : 03/13/1219  
*Certificate number*

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**HASIL KALIBRASI/CALIBRATION RESULT**

**Kalibrasi Suhu / Temperature Calibration**

Titik Ukur Point of Calibrate $^{\circ}\text{C}$	Penunjukan Standard Standard's Reading $^{\circ}\text{C}$	Penunjukan Alat Instrument's Reading $^{\circ}\text{C}$	Koreksi Correction $^{\circ}\text{C}$
10	10.0	10.4	-0.4
20	20.2	20.3	-0.1
30	30.4	29.5	0.9
40	40.6	40.2	0.4
Ketidakpastian Kalibrasi/ Calibration Uncertainty			0.62

**Kalibrasi Kelembaban / Humidity Calibration**

Titik Ukur Point of Calibrate $\% \text{ RH}$	Penunjukan Standard Standard's Reading $\% \text{ RH}$	Penunjukan Alat Instrument's Reading $\% \text{ RH}$	Koreksi Correction $\% \text{ RH}$
40	40.4	45.0	-4.6
50	50.6	49.0	1.6
60	59.7	61.0	-1.3
75	74.8	75.0	-0.2
Ketidakpastian Kalibrasi/ Calibration Uncertainty			2.2

**Keterangan/Note :**

**Standar Kalibrasi/Reference Standard** : Thermo - Hygro Meter CST015 ; Climatic Chamber CST016

**Tertelusur ke SI melalui/Traceable to SI through** : Certus Metrology; Puslit Metrologi-LIPI

**Prosedur Kalibrasi/Calibration Procedure** : STM/IK-SUHU/13

**Ketidakpastian pengukuran yang dilaporkan adalah ketidakpastian bentangan pada tingkat kepercayaan sekitar 95% dengan factor cakupan  $k = 2$**

*The report of measurement's uncertainty is expanded uncertainty with confidence level approximately 95% with coverage factor  $k = 2$*

**Penunjukan Sebenarnya = Penunjukan Alat + Koreksi**

*Actual Reading = Instrument's Reading + Correction*

Diselia oleh  
Checked by



**Dian Puji Hartono**  
Manajemen Teknis