

Laboratorium Kalibrasi & Uji

PT. SENTRAL TEHNOLOGI MANAGEMEN "To become the most trustworthy calibration laboratories in Indonesia"

SNI ISO/ IEC 17025

Laboratorium: Cikarang Square Blok B No 11, Jl. Raya Cibarusah Cikarang Selatan - Jawa Barat 17530 | Telp: (021) 89321323 - 4 | Fax: 29067204

SERTIFIKAT KALIBRASI

CALIBRATION CERTIFICATE

Nomor SO

Nomor Sertifikat

03/13/1219

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Certificate number

Pages

Halaman

Nama

Identitas Alat

Instrument's Details

Thermohygrometer

Name

Pabrik

Manufacturer

Tipe / Nomor Seri/ID

Nomor Identifikasi

Identification Number

HTC-1 / -

CST011

Type / Serial Number/ID

: 10 - 40 °C / 0.1 °C

Rentang Ukur / Resolusi Range / Resolution

Suhu Temperature

Kelembaban

: 40 - 75 % RH / 1 % RH

Humidity

Identitas Pemilik

Owner Details

Nama

PT Sentral Tehnologi Managemen

Name

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 PT. Sentral Tehnologi Managemen

Rudi Eko Suryono Manajemen Teknis

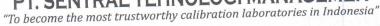


Suhu/Temperature | Gaya/Force | Dimensi/Dimension | Tekanan/Pressure | Massa/Mass | Konduksi/Conductivities Volume/Volumetric | Uji Kimia/Chemical Test | Waktu & Frequensi/Time & Frequency | Torsi/Torque | Kelistrikan/Electrical



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Tanggal Terima

27 April 2020

Nomor Sertifikat

03/13/1219

Date of acceptance Tanggal Kalibrasi

27 April 2020

Certificate number Halaman

Calibration date

Pages

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Tempat Kalibrasi Calibration place

PT. SENTRAL TEHNOLOGI MANAGEMEN

Suhu

Kelembaban

 $57.4 \pm 1.7 \% RH$

Kondisi Lingkungan Environment condition

Temperature

Humidity

HASIL KALIBRASI/CALIBRATION RESULT

 25.5 ± 0.57 °C

Titik Ukur Point of Calibrate °C	Penunjukan Standard Standard's Reading °C	Penunjukan Alat Instrument's Reading °C	Koreksi Correction °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
Ketidak	pastian Kalibrasi/ Calibration	1 Uncertainty	0.62

Kalibrasi Kelembahan / Humidity Calibration

Titik Ukur Point of Calibrate % RH	Penunjukan Standard Standard's Reading % RH	Penunjukan Alat Instrument's Reading % RH	Koreksi Correction % 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/Refference Standard

Thermo - Hygro Meter CST015; Climatic Chamber

Tertelusur ke SI melalui/Treceable 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

Dian Puji Hartono Manajemen Teknis

--- Akhir dari Sertifikat / End of Certificate ---