



CERTIFICATE OF ACCREDITATION

LK-384-IDN

Date of issue : 22 June 2022

Date of expiry : 21 June 2027

Granted to

PT Esco Bintang Indonesia

at

**Jl. Asoka Blok D6-D10, Bintang Industrial Estate, Lobam Pulau Bintang,
Kabupaten Bintang, Kepulauan Riau**

which has shown its competence as

CALIBRATION LABORATORY

by implementing consistently

SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

General Requirements for the Competence of Testing and Calibration Laboratories

for the scope of accreditation as specified in the annex

KOMITE AKREDITASI NASIONAL



Drs. KUKUH S. ACHMAD, M.Sc

CHAIRMAN



Dokumen ini telah ditandatangani secara elektronik menggunakan Sertifikat Elektronik yang diterbitkan BSR E

AMENDEMENT TO THE ANNEX TO ACCREDITATION CERTIFICATE LK 384 IDN - SNI ISO/IEC 17025 : 2017 (ISO/IEC 17025:2017)

AMD 1

| | | |
|----------------------|---|---|
| Laboratory Name | : PT Esco Bintan Indonesia | Issue date: 22 June 2022 Expiry date: 21 June 2027 1 st Amendment: 22 May 2024 |
| Address | : Jl. Asoka Blok D6-D10, Bintan Industrial Estate, Lobam - Pulau Bintan, Kabupaten Bintan, Kepulauan Riau | |
| Phone. (0770) 696033 | Email : calibration.lab@escoglobal.com | |
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CALIBRATION MEASUREMENT AND CAPABILITY (CMC) CALIBRATION LABORATORY

| No. | Measuring Group | Tools or materials or standards being calibrated or measured | Range | Expanded Uncertainty*) | Calibration methods/standard documents and techniques used | Remarks |
|-----|-----------------|--|---|---|--|--|
| 6 | Mass | Electronical balance | 0 g ~ 500 g 500 g ~ 1500 g 1500 g ~ 2000 g 2000 g ~ 3000 g | 0.08 g 0.10 g 0.13 g 0.16 g | MSL TG-25 : 2018 | |
| 7 | Pressure | Bourdon pressure gauge | 0 bar ~ 20 bar -5 mbar ~ 5 mbar -2 inH ₂ O ~ 0 inH ₂ O 0 inH ₂ O ~ 2 inH ₂ O | 0.0080 bar 0.40 mbar 0.03 inH ₂ O 0.03 inH ₂ O | DKD-R 6-1:2018 | 1 bar = 10 ⁵ Pa 1 Torr = 133.32 Pa 1 inH ₂ O = 248.84 Pa |
| | | Electrical Pressure Transmitter | 0 bar ~ 2 bar 2 bar ~ 4 bar 4 bar ~ 6 bar 6 bar ~ 8 bar 8 bar ~ 10 bar | 5.9 mbar 6.1 mbar 6.1 mbar 5.9 mbar 7.6 mbar | | |
| | | Pressure Transmitter & Transducer with electrical output | P Out 0 Torr ~ 2 Torr 2 Torr ~ 4 Torr 4 Torr ~ 6 Torr 6 Torr ~ 8 Torr 8 Torr ~ 10 Torr P Out -500 Pa ~ 0 Pa 0 Pa ~ 500 Pa | 0.01 Torr 0.02 Torr 0.02 Torr 0.02 Torr 0.02 Torr 2.2 Pa 2.3 Pa | | |
| 8 | Length | Caliper | 0 mm ~ 100 mm 100 mm ~ 150 mm | 0.013 mm 0.058 mm | JIS B 7507 2016 | |

This amendment to the annex replaces the annex to accreditation certificate of LK-384-IDN granted on 22 June 2022 valid until 21 June 2027

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|-----|-----------------|--|--|--|--|---------|
| 9 | Acoustic | Sound Level Meter 63 Hz 125 Hz 250 Hz 500 Hz 1000 Hz 2000 Hz 4000 Hz 8000 Hz | 94 dB 94 dB 94 dB 94 dB 94 dB 94 dB 94 dB 94 dB | 0.41 dB 0.38 dB 0.46 dB 0.31 dB 0.38 dB 0.38 dB 0.46 dB 0.55 dB | SNSU PK.A-01:2020 | |
| 10 | Electricity | AC Voltage f : 50 Hz | 25 V ~ 50 V 50 V ~ 100 V 100 V ~ 150 V 150 V ~ 200 V 200 V ~ 240 V | 0.26 V 0.36 V 0.48 V 0.59 V 0.68 V | EURAMET/cg-15/v. 3.0 (2015) | |
| 11 | Electricity | AC Voltage f : 60 Hz | 25 V ~ 50 V 50 V ~ 100 V 100 V ~ 150 V 150 V ~ 200 V 200 V ~ 240 V | 0.26 V 0.36 V 0.48 V 0.59 V 0.68 V | EURAMET/cg-15/v. 3.0 (2015) | |

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