



LABORATORIUM KALIBRASI  
**PT . ESA JAYA KALIBRASI**

DP/7.8.2/ESAKA.Rev0

Hal. 1 dari 3

**SERTIFIKAT KALIBRASI**

**CALIBRATION REPORT**

Nomor : 4356/VIII/K/ESAKA/2026

**IDENTITAS ALAT**

*Instrument Identification*

Nomor Order : M43562026

*Order Number*

Nama Alat *Instrument* : Outside Micrometer  
*Name*

Merek/Pabrik : Mitutoyo  
*Manufacture*

Nomor Seri : 62032431  
*Serial Number*

Kapasitas : 300 - 400 mm  
*Capacity*

Resolusi : 0.01 mm  
*Resolution*

**IDENTITAS PEMILIK**

*Owner Identification*

Nama perusahaan : PT. TJOKRO BERSAUDARA PULOBALANGINDO

*Company Name*

Alamat : Jl. Pendekar Pulobalang No. 25 RT. 35 KM. 13, Kel.  
*Address* Karangjoang, Balikpapan Utara

**ALAT STANDARD KALIBRASI**

*Standard Calibration*

Nama Alat *Instrument* : Gauge Block Set Grade(0)  
*Name* ISO 3650

Ketelusuran STD : LK-054-IDN  
*Traceable to SI*

Metode Kalibrasi : JIS B7502 : 2016  
*Calibration Method* JCGM 100 : 2008

**INFORMASI KALIBRASI**

*Calibration Information*

Tanggal Penerimaan : 12 Agustus 2026  
*Receive Date*

Tanggal Kalibrasi : 18 Agustus 2026  
*Calibration Date*

Temperature : 20.9 ± 0.6 °C  
Humidity : 51 ± 4 %RH

Balikpapan, 18 Agustus 2026

  
**Aryo Danan Jaya**  
Men. Teknik  
PT. ESA JAYA KALIBRASI

Dilarang mengutip dan/atau mempublikasikan hanya sebagian sertifikat, harus dicopy secara keseluruhan  
*This report may not reproduced, except in full*

10/02/2021



**LAMPIRAN SERTIFIKAT KALIBRASI**

*Attachment of Calibration Certification*

Nomor : 4356/VIII/K/ESAKA/2026

**HASIL KALIBRASI**

*Result of Calibration*

**1. Kesejajaran Muka Ukur**

*Kesejajaran Muka Ukur*

*0.6  $\mu$ m*

**2. Koreksi Indikator**

| NOMINAL UKUR<br><i>NOMINAL</i><br>mm | KOREKSI<br>mm | KETIDAKPASTIAN<br><i>UNCERTAINTY</i><br>$\mu$ m |
|--------------------------------------|---------------|-------------------------------------------------|
| 300.0                                | 0.001         | 0.94                                            |
| 302.5                                | 0.000         |                                                 |
| 305.1                                | 0.000         |                                                 |
| 307.7                                | 0.000         |                                                 |
| 310.3                                | 0.000         |                                                 |
| 312.9                                | -0.002        |                                                 |
| 315.0                                | 0.000         |                                                 |
| 317.6                                | -0.002        |                                                 |
| 320.2                                | 0.000         |                                                 |
| 322.8                                | 0.000         |                                                 |
| 325.0                                | 0.000         |                                                 |
| 327.5                                | 0.001         | 0.94                                            |
| 330.1                                | 0.000         |                                                 |
| 332.7                                | 0.000         |                                                 |
| 335.3                                | 0.002         |                                                 |
| 337.9                                | 0.000         |                                                 |
| 340.0                                | 0.000         |                                                 |
| 342.6                                | -0.002        |                                                 |
| 345.2                                | 0.000         |                                                 |
| 347.8                                | 0.000         |                                                 |
| 350.0                                | 0.000         |                                                 |

Dilarang mengutip dan/atau mempublikasikan hanya sebagian sertifikat, harus dicopy secara keseluruhan  
*This report may not reproduced,except in full*

10/02/2021





**LAMPIRAN SERTIFIKAT KALIBRASI**

*Attachment of Calibration Certification*

Nomor : 4356/VIII/K/ESAKA/2026

| NOMINAL UKUR<br><i>NOMINAL</i><br>mm | KOREKSI<br>mm | KETIDAKPASTIAN<br><i>UNCERTAINTY</i><br>μm |
|--------------------------------------|---------------|--------------------------------------------|
| 352.5                                | 0.000         | 0.91                                       |
| 355.1                                | 0.001         |                                            |
| 357.7                                | -0.002        |                                            |
| 360.3                                | 0.000         |                                            |
| 362.9                                | 0.000         |                                            |
| 365.0                                | 0.000         |                                            |
| 367.6                                | -0.002        |                                            |
| 370.2                                | 0.000         |                                            |
| 372.8                                | 0.000         |                                            |
| 375.0                                | 0.000         |                                            |
| 377.5                                | 0.000         | 0.91                                       |
| 380.1                                | 0.000         |                                            |
| 382.7                                | 0.001         |                                            |
| 385.3                                | 0.000         |                                            |
| 387.9                                | -0.002        |                                            |
| 390.0                                | 0.000         |                                            |
| 392.6                                | -0.002        |                                            |
| 395.2                                | 0.000         |                                            |
| 397.8                                | 0.000         |                                            |
| 400.0                                | 0.000         |                                            |

*Ketidakpastian Pengukuran yang dilaporkan menggunakan faktor cakupan K = 2,  
tingkat kepercayaan 95%*

*Measurement Uncertainty value uses the coverage factor k = 2, to 95% Confidence Level*

*Nilai Aktual = Nominal + Koreksi*

\*Ruang Lingkup Akreditasi 0 - 100 mm

Dilarang mengutip dan/atau mempublikasikan hanya sebagian sertifikat, harus dicopy secara keseluruhan

*This report may not reproduced, except in full*

10/02/2021