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Customer ; DIMENSION CALIBRATION CENTER CO., LTD.
33/5-6 MOO 4 SUKPRAYOON ROAD , TAMBON DONHUAROH
AMPHUR MUANG , CHONBURI THAILAND 20000

Instrument ; Plain Limit plug gauge (steel)

Manufacturer ; Issoku

Go side diameter ; 4.134 mm

Not-Go side diameter ; 4.134 mm

Serial no. ; 1234

Identification no. ; 1234

Model no. ; 11-2

Reference no. ; S555-1234

Date of received ; June 7, 2012

Date of calibration ; June 12, 2012

Date of issued ; June 15, 2012

Mr.KRAIERK KERDSOPA
Technician

Mr.Chatchapol Jirojjaturonn
Laboratory manager

The calibration cover by this certificate have been performed in accordance with the requirement of ISO/IEC 17025: 2005.

The reported uncertainty is based on standard uncertainty multiplied by coverage factor $k = 2$ providing of confidence approximately 95%.

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Certificate no.

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CC555-01-1234

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Reference standard instrument and traceability

Universal Length Metro-scope (ULM) serial no. 02101

Certificate no.

Date of calibration

Due date

CC555-01-097

January 22, 2012

January 21, 2014

Traceable to "National Institute of Metrology (Thailand) through certificate no. DE-0022-10.

Measurement method

Direct measurement by ULM according to work instruction WI5-03-09.

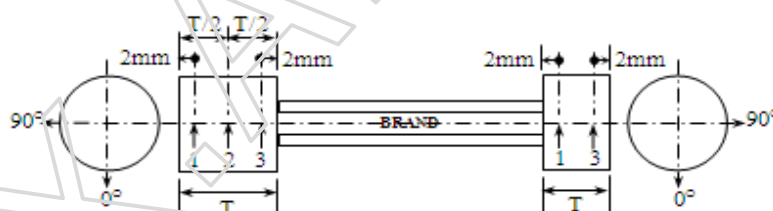
Environment conditions

The measurement was carried out within ambient temperature of $(20 \pm 0.5) ^\circ\text{C}$ and humidity of $(55 \pm 10) \% \text{RH}$.

Uncertainty of measurement

The uncertainty state is the expanded uncertainty which obtained by multiplying the standard uncertainty by coverage factor $k=2$. It has been determined in accordance with EA publication EA-4/02 "Expression of the Uncertainty of Measurement in Calibrations" "Guide to the Expression of Uncertainty in Measurement (GUM)". The values of assigned presents within the range of values with probability of 95%.

Measurement data



Go side diameter (mm)

4.134

Upper limit

0.006

Lower limit

0.002

Not-Go side diameter (mm)

4.134

Upper limit

0.204

Lower limit

0.2

unit: mm

Gauge	Position	1	2	3
Go-side	0°	-	-	-
	90°	-	-	-
Not-Go side	0°	-	-	-
	90°	-	-	-

Measurement uncertainty ($\pm$)

0.0006 mm

End certificate