

Certificate of Calibration

Certificate no. : xx-xxx

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Customer : ###
Address : ###
Unit under calibration : Taper thread plug gauge R 1 1/4
Manufacturer : xx-xxx
Serial/Control no. : xx-xxx
UUC condition : Good
Receipt no. : xx-xxx
Received date : xx-xxx
Calibration date : xx-xxx
Issued date : xx-xxx
Calibration method : Direct measurement refer to JIS B 0262 corresponding to laboratory's work instruction WI5-03-42.

Calibration standards :

Description	Certificate no.	Due date	Traceable thru
Universal length measuring m/c sno. 02101.	CC569-01-0011	January 12, 2027	DCC
Ring gauge 40 mm s/no. 020789.	CC569-06-0008	June 4, 2029	DCC
Thread measuring ball set.	CC564-06-00038	June 15, 2027	DCC
Thermometer 5690.	CL1-T246051-55	June 24, 2029	IRPC
Thermometer 2290-8 V5.	CL1-T236041-43	August 7, 2028	IRPC

Traceability :

The measurement standards traceable to The International System of Units (SI) through certificate as mentioned above.

Environment :

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

Uncertainty of measurement :

The uncertainty stated 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 "Evaluation of the Uncertainty of Measurement in Calibration" and "Guide to the Expression of Uncertainty in Measurement (JCGM 100)". The values of assigned presents within the range of values probability of 95%.

Calibrated by :

#N/A
Technician

Approved by :

Mr.Chatchapol Jirojjaturonn
Laboratory manager

Calibration report

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Taper thread plug gauge R 1 1/4

Refer to JIS B 0253: 1985				Measurements
Description	Effective values	Upper	Lower	
Length of thread (L)	19.6260	-	-	0.0000
Length of gauge (l0)	15.5860	-	-	0.0000
Length of notch (T2)	5.7730	+0.0250	-0.0250	0.0000
Length position of gauge diameter	12.6995	-	-	0.0000
Gauge diameter	40.4494	+0.0090	-0.0090	#DIV/0!
Pitch diameter at gauge small end	39.6557	-	-	#DIV/0!
Tolerance taper angle	-	+0.0070	0.0000	#DIV/0!
-	-	-	-	-
-	-	-	-	-

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Remark : Measurement unit in millimeters

The calibration results was found accurate as shown on date and place of calibration only.

End certificate