

Indiana Standards Laboratory

2919 SHELBY STREET
INDIANAPOLIS, INDIANA 46203-5236

REPORT of CALIBRATION

DATE	: 03/08/13	TEST NUMBER	: 120236
MANUFACTURER	: Shimpo Instruments	MODEL NUMBER	: DT-207LR
NOMENCLATURE	: Tachometer	SERIAL NUMBER	: D1290010R
TOLERANCE	: ± 6 rpm		
SUBMITTED BY	: STOCK-ISL Equipment 2919 Shelby Street Indianapolis, IN 46203	P.O. NUMBER	: ISL
PROCEDURE	: ISL-030-TACH-03-0610	TEMPERATURE	: 23 °C
CAL INTERVAL	: 0 Months	HUMIDITY	: 32 %RH
PREVIOUS TEST NO.	: 0	NEXT CAL DUE	: 03/08/13
		TECHNICIAN	: JGC
RCV'D CONDITION	: In-tolerance		
RETURNED CONDITION	: In-tolerance, no adjustments required.		
COMMENTS	:		
CALIBRATION SOURCE(S)	: 116917		
UNCERTAINTY:	As per the customer's request, measurement uncertainty is not reported.		

CERTIFICATION

After careful inspection of the above-described instrument, tests were performed in-laboratory to establish calibration accuracy. All equipment utilized in the testing is maintained by this laboratory and checked frequently against standards that have been certified traceable to SI Units through National Institute of Standards and Technology (NIST) or another National Metrology Institute (NMI).

It is hereby certified that the test instrument meets all the original manufacturer's performance specifications unless otherwise noted above. Test documentation is on file and may be viewed in our office. Testing was completed per ISL Quality Manual: Doc-001-Rev15 dated 08-23-12, and ISO/IEC 17025:2005, L-A-B Accredited Certificate Number L-2222.

Richard F. Chance



A handwritten signature in black ink, appearing to read 'R. F. Chance'.

Chief, Metrology

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CALIBRATION DATA

Parameter	Range (rpm)	Applied (rpm)	As Found (rpm)
Contact	10000.0	250	250.1
	10000.0	640	640.3
	10000.0	1600	1600.2
	10000.0	3200	3200.3
	10000	5000	5000.2
Non-Contact	8300	250	250
	8300	640	640
	8300	1600	1600
	8300	3200	3200
	8300	5000	5000
	25000	10000	9999
	25000	20000	20000
	100000	25000	25000

*Out-of-tolerance

**Indeterminate

Ø = Fixed Zero

Note: Uncertainty is not taken into account in pass / fail function checks.

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