

--Calibration Certificate--

Handheld Shaker

Model Number: M394C06
 Serial Number: XXXX
 Manufacturer: PCB
 ID Number: SSPL_abc
 Description: Handheld Shaker

Calibration Data

Sensitivity @ 159.2 Hz: 10.52 mV/g
 Test Level: 1.00 g pk

Handheld Shaker Specifications

Operating Frequency($\pm 1\%$): 159.2 Hz
 Acceleration Output($\pm 3\%$): 1 g rms
 Temp. Range: -10 to 55 °C
 15 to 130 °F

Calibration Data

Run No	Point of Frequency Hz	Amplitude g pk	Reference Value (mV/g) of transfer standard sensor Model/serial #: 353B04/109633 on	Measured Value(mV/g) of transfer standard sensor Model/serial #: 353B04/109633 on 1g	Deviation (mV/g)
1	159.2	1	10.16	10.53	-0.37
2	159.2	1	10.16	10.52	-0.36
3	159.2	1	10.16	10.54	-0.38
4	159.2	1	10.17	10.51	-0.34
5	159.2	1	10.16	10.53	-0.37

Reference Equipment used during calibration:

Manufacturer	Description	Model Number	Serial Number	Due Date
PCB	Transfer Standard/ Signal Conditioner	353B04/443B101	109633/404	19-Sep-2018
PCB	Reference Accelerometer/ Signal	080A200/442A102	202748/484	23-Aug-2017

Notes

Results relate only to the items calibrated.
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 Method: Back-to-Back Comparison Calibration per ISO 16063 Part 21
 This calibration was performed with TMS 9155 Calibration Workstation version 4.12.01
 Calibration traceable to NIST. Expanded Measurement Uncertainty (95% Confidence level with coverage factor of 2) is $\pm 1.20\%$.
 Calibration is performed in compliance with ISO 9001 and ISO 17025

Customer

M/s. ABC

User Notes

Mounting: Stud.

Unit Condition

As Found: In Tolerance
 As Left: In Tolerance

Lab Conditions

Temperature: 25 ± 2 °C
 77 ± 3.6 °F
 Humidity: 50 ± 5 %
 Cal Date: 30-Mar-2017

Approval Information

Technical Manager: E.Dwarakanath
 Approval:



SSPL Calibration Centre

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