

Certificate of Calibration

Certificate Number: 171499

Document Number: 121849

Customer Details:

Customer Name: EASTERN ENERGY CO LTD

Instrument Details:

Manufacturer: EXTECH INSTRUMENTS

Calibration Date: June 20, 2017

Description: VIBRATION METER W/ SD CARD

Calibration Due: June 20, 2018

Model Number: SDL800

Cal. Interval: 12 MONTHS

Serial Number: Z351222

As Received: NEW

Equip. ID Number: N/A

Environmental Details:

Temperature: 21 Deg. +/- 5 C

Relative Humidity: 40 % +/- 15 %

Procedures Used:


Calibration Procedure: EICMSDL800-CP

Certification

Extech Instruments certifies that the instrument listed above meets the specifications of the manufacturer at the completion of its calibration. Standards used are traceable to the National Institute of Standards and Technology (NIST), or have been derived from accepted values, natural physical constants, or through the use of self-calibration techniques. Methods used are in accordance with ISO 10012-1 and ANSI/NCSL Z540-1-1994. This certificate is not to be reproduced other than in full, except with prior written approval of Extech Instruments Corporation.

Technicians Notes:

Technician: CHAWNNI CHANSY

Approved By: 

Certificate of Calibration

Certificate Number: 171499
Document Number: 121849
Model Number: SDL800 S/N: Z351222

As Received

Calibration Data

Standard	UUT	Accuracy	High Limit	Low Limit	Error	Status
Function: Peak/ACC./Metric						
70.0m/s ² @159.2Hz	70.4	+/- (5%rdg + 2dgt)	73.7	66.3	0.4	PASS
Function: Peak/Vel/mm						
80.0mm/s@159.2Hz	80.2	+/- (5%rdg + 2dgt)	84.2	75.8	0.2	PASS
Function: Disp (P-P mm)						
0.141mm@159.2Hz	0.141	+/- (5%rdg + 2dgt)	0.150	0.132	0.000	PASS

Final Reading

Calibration Data

Standard	UUT	Accuracy	High Limit	Low Limit	Error	Status
Function: Peak/ACC./Metric						
70.0 m/s ² @159.2Hz	70.4	+/- (5%rdg + 2dgt)	73.7	66.3	0.4	PASS
Function: Peak/Vel/mm						
80.0 mm/s@159.2Hz	80.2	+/- (5%rdg + 2dgt)	84.2	75.8	0.2	PASS
Function: Disp (P-P mm)						
0.141 mm@159.2Hz	0.141	+/- (5%rdg + 2dgt)	0.150	0.132	0.000	PASS

UUT-Unit Under Test

Standards Used

Manufacturer	Model #	Serial #	Description	Cal. Due Date
MODAL	9100C	28081948	PORTABLE VIBRATION CALIBRATOR	July 11, 2017