

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on **JUL 31 2024**

Serial No: LW503098      Temperature: 24.2 °C

Model: PE      Humidity: 45%

Calibrated on: Channel 3 on 8G 5161 LE

Ref Acc 1: LW423806!      Cal on: 02Aug2022  
 10 g's/volt

Ref Acc 2: LW423794!      Cal on: 28Jul2022  
 10 g's/volt

Reference accelerometer calibrations are traceable to the United States National Institute of Standards and Technology (NIST).

### PDA CALIBRATION FACTOR

**9.7 g's/volt**

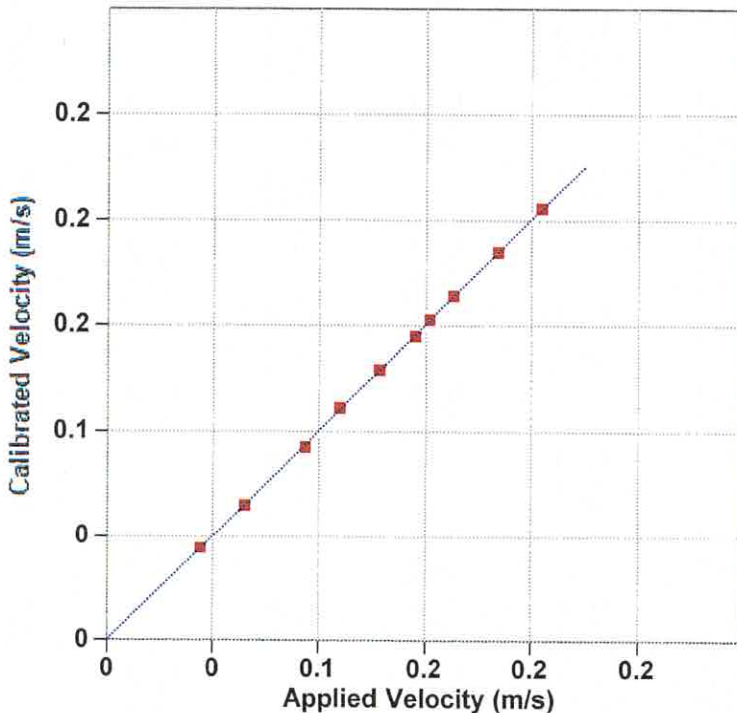
R<sup>2</sup>: 0.999911 [Chip programmed]

Operator: William Johnson

Signed



LW503098: R<sup>2</sup> = 0.999911



Reference Velocity	S/N LW503098 Velocity
m/s	m/s
0.044	0.044
0.065	0.065
0.093	0.092
0.110	0.111
0.128	0.129
0.145	0.144
0.152	0.152
0.163	0.164
0.184	0.184
0.205	0.205

Maximum Acceleration: 24 g's