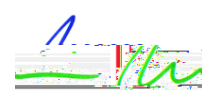




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Test Technology/Description:

Vibration / Shock <sup>1</sup>  
(5 to 2500)Hz  
2-inch Peak to Peak Displacement  
25,000 pounds Force  
Up to 1500g Shock  
Up to 18 milliseconds Duration  
Combined Environment (-40 to 150) °C

Acceleration  
(Centrifuge up to 50g acceleration)

Highly Accelerated Life Test (HALT) - Highly  
Accelerated Stress Screening (HASS)  
Temperature: (100-200) °C  
Temperature Ramp Rate: 60°C/min  
Vibration: 50 G's

Test Method(s):

RTCA/DO-160, Section 7 & 8;  
MIL-STD-810, Method 520;  
MIL-STD-202, Method 201;  
MIL-STD-202, Method 202;  
MIL-STD-202, Method 204;  
MIL-STD-202, Method 213;  
MIL-STD-202, Method 214

MIL-STD-202, Method 212  
MIL-STD-810, Method 513



# Accredited Laboratory

A2LA has accredited

## ELEMENT MATERIALS TECHNOLOGY ROCKFORD

Rockford , IL

for technical competence in the field of

requirements for the competence of testing and calibration laboratories . This accreditation demonstrates  
technical competence for a defined scope and the operation of a laboratory quality management system

(refer to joint ISO -ILAC-IAF Communiqué dated April 2017).



Presented this 19<sup>th</sup> day of March 2024.

Mr. Trace McInturff, Vice President , Accreditation Services  
For the Accreditation Council

For the types of tests to which this accreditation applies, please refer to the laboratory's Mechanical

Scope of Accreditation.