

## Environ Laboratories Granted Major A2LA Scope Expansion

Environ Laboratories has been granted a major scope expansion by A2LA. The scope expansion covers multiple IEC (International Electrotechnical Commission) documents ranging from temperature testing to vibration and combined environments.

Environ has also added 2 specifications to it's scope list regarding Fungus testing, adding EIA/TIA 455-56, and ASTM C 1338-00 "Determining Fungi Resistance of Insulation Materials and Facings". A complete list of the scope expansion documents is attached below.

Cold	CEI / IEC 60068-2-1, Edition 6, 2007
Dry Heat	CEI / IEC 60068-2-2, Edition 5, 2007
Damp Heat Steady State (Humidity)	CEI / IEC 68-2-3, Edition 3, 1969
Solar Radiation	CEI / IEC 68-2-5, Edition 1, 1975
Sinusoidal Vibration	CEI / IEC 68-2-6, Edition 6, 1995
Acceleration Steady State	CEI / IEC 68-2-7 Edition 2, 1983 and CEI / IEC 68-2-7, Amend. 1, 1986
Salt Fog	CEI / IEC 68-2-11, Edition 3, 1981
Low Pressure Air (Altitude)	CEI / IEC 68-2-13, Edition 4, 1983
Change of Temperature	CEI / IEC 68-2-14, Edition 1, 1984
Water	CEI / IEC 60068-2-18, Edition 2, 2000
Shock	CEI / IEC 60068-2-27, Edition 3, 1987
Damp Heat	CEI / IEC 60068-2-28 (withdrawn) replaced by CEI / IEC 60068-3-4, Edition 1, 2007
Bump	CEI / IEC 68-2-29, Edition 2, 1987
Damp Heat Cyclic	CEI / IEC 60068-2-30, Edition 3, 2005
Drop & Topple	CEI / IEC 68-2-31, Edition 1, 1969 and CEI / IEC 68-2-31, Amendment 1, 1982
Change of Temperature	CEI / IEC 68-2-33, Edition 1, 1971, and CEI / IEC 68-2-33, Amendment 1, 1978
Temperature Humidity Cycling	CEI / IEC 68-2-38, Edition 1, 1974
Low Air Pressure & Low Temperature	CEI / IEC 68-2-40, Edition 1, 1976, and CEI / IEC 68-2-40, Amendment 1, 1983
Low Air Pressure & High Temperature	CEI / IEC 68-2-41, Edition 1, 1976
Combined Cold/Vibration (Sinusoidal)	CEI / IEC 68-2-50, Edition 1, 1983

Combined Dry Heat/Vibration (Sinusoidal)	CEI / IEC 68-2-51, Edition 1, 1983
Combined Temperature (Cold and Dry Heat)/Vibration (Sinusoidal)	CEI / IEC 68-2-53, Edition 1, 1984
Salt Fog Cyclic	CEI / IEC 68-2-52, Edition 2, 1996
Bounce	CEI / IEC 68-2-55, Edition 1, 1987
Climatic Sequence	CEI / IEC 68-2-61, Edition 1, 1991
Broadband Random Vibration	CEI / IEC 68-2-64, Edition 1, 1993
Damp Heat Steady State	CEI / IEC 68-2-66, Edition 1, 1987
Sand & Dust	CEI / IEC 68-2-68, Edition 1, 1994
Damp Heat Steady State (Humidity)	CEI / IEC 60068-2-78, Edition 1, 2001
Maritime navigation and radio communication equipment and systems	CEI / IEC 60945, Edition 4, 2002
	Section 8.2 Dry Heat
	Section 8.3 Damp Heat
	8.4 Low Temperature
	8.5 Thermal Shock
	8.6 Drop (Portable Equipment)
	8.7 Vibration
	8.8 Rain & Spray
	8.9 Immersion
	8.10 Solar Radiation
	8.11 Oil Resistance
	8.12 Corrosion / Salt Mist
	10.3 Immunity to conducted radio frequency disturbance
10.4 Immunity to radiated radiofrequencies	
10.5 Immunity to fast transients on a.c. power, signal and control lines	
10.6 Immunity to surges on a.c. power lines	
10.7 Immunity to power supply short-term variation	
10.8 Immunity to power supply failure	
10.9 Immunity to electrostatic discharge	
Fungus Test	ANSI, TIA, EIA -455-56, Revision B, 1995
Fungus Test	ASTM C 1338-00 "Determining Fungi Resistance of Insulation Materials and Facings"