

Your one-stop Testing Facility HALT / HASS

AIRDRIE, ALBERTA

since 1995



*The Electronics Test Centre offers
HALT/HASS Testing in our
Airdrie (Alberta, Canada) facility.*

Regular environmental or mechanical tests (usually called stress screening) are focused on the operating performance of a product under normal environmental conditions in order to prove a products' reliability. But the higher the stresses, the faster equipment will fail. This is where HALT/HASS testing is important.

By applying a higher level of stress, we accelerate fatigue, significantly shortening test time and the product developmental process.

HALT/HASS testing is also used to assess the life cycle of a product after it was developed and brought to market.

By making a more reliable product you can:

- extend a warranty period that will make your customers feel safe and protected;
- save money on claims during warranty period.

HALT Highly Accelerated Life Test

Designed to determine limitations of your product, its weak points in the early stages of development. Stress is usually applied up to high and low destructive limits on multiple units to obtain as much statistical information as possible. It increases reliability and shortens the developmental process.

HASS Highly Accelerated Stress Screening

Designed to determine manufacturing defects. Stress limits are beyond specification but below destructive limits determined by HALT. It is used to lower field fatigue and warranty costs.

Capabilities*

• Vibration Table Size	30 x 30	inches
• Maximum Unit Height	34	inches
• Maximum Unit Weight	300	lb
• Temperature Range	-100°to +200	°C
• Vibration Range	0 to 60	Grms
• Temperature Ramp Rate	up to 60	°C/min

* These parameters are extremely interconnected and should be considered as guidance only.