

Stress Levels:

1. Constant stress
2. Step stress
3. Progressive test
4. Cyclic test
5. Random stress

Constant stress:

Stress is applied constantly over a time.

Step stress:

In step stress, a stress is applied over specified period of time and it is stop applying. After this period of time still product is survived then next period of time stress is applied until predetermined step completed.

Progressive stress:

A stress is applied constantly till specified test plan fail or till predetermined test time is attained.

Cyclic stress:

As name shows cyclic stress is stress level is changed according to fixed cycles.

Random stress:

Random stress changes randomly. Stimulating the actual stress that product will encounter at field.

Stress types:

Different product requires different stresses. To select appropriate stress for ALT. Below are types of stresses.

1. Elevated temperature
2. Thermal cycling