



Corrosion Laboratory

Description

CSA Group has a fully featured Neutral Salt Spray (NSS) cabinet primarily used to test metal components for corrosion resistance. This Chamber forms part of our International Organization for Standardization (ISO) 17025 accredited testing services ASTM B117 and ISO 9227 in order to guarantee an outstanding level of service. In addition to NSS, Salt Spray can be combined with other chambers for Cyclic testing.

Typical Applications

- Accelerated corrosion testing of ferrous and non-ferrous materials, including metallic inserts for plastic components.
- Environmental conditioning of non-metallic materials including adhesive bonds.
- Including but not limited to : exhaust systems, exterior/interior trim components, engine components (accessories, bumpers, chassis mounted components.)

Equipment & Facilities

Chamber specification:

- (Internal): 2m Long x 1m Wide x 0.85-1.175m High
- (External): 2.4m Long x 1.2m Wide x 1.645m High
- (Working Envelope:) 1.85m Long x 0.86m Wide x 0.80m High (Minimum, Sloping Roof)
- 2000L Capacity
- 35°C Temperature
- Nominal 5% Salt solution