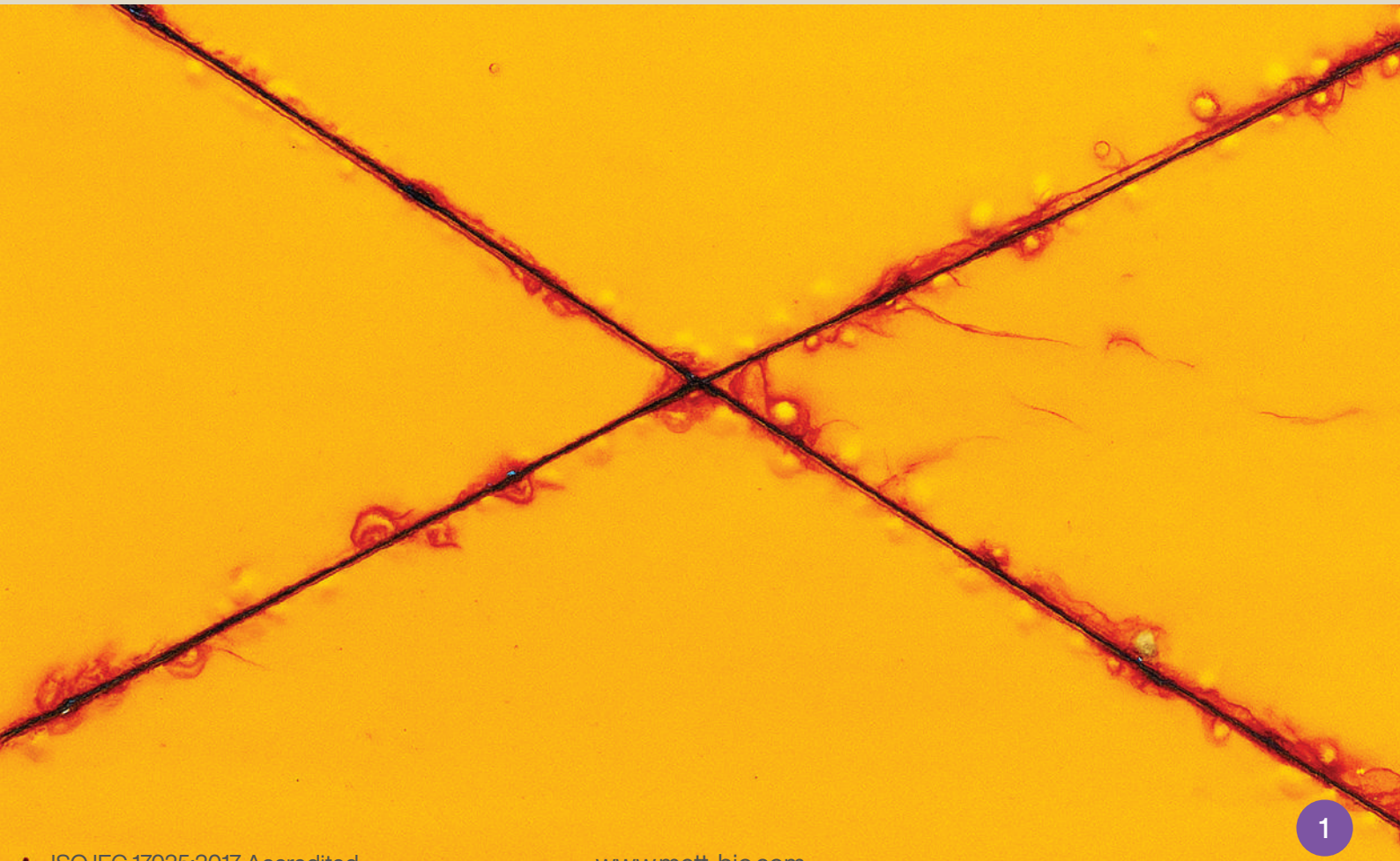


SALT SPRAY TESTING

Our laboratory features six state-of-the-art salt spray testing chambers, each equipped with automated capabilities for simultaneous testing under diverse conditions. We offer flexible hourly rates for salt spray testing services and can provide customized inspections and comprehensive photographic documentation to meet your specific requirements.

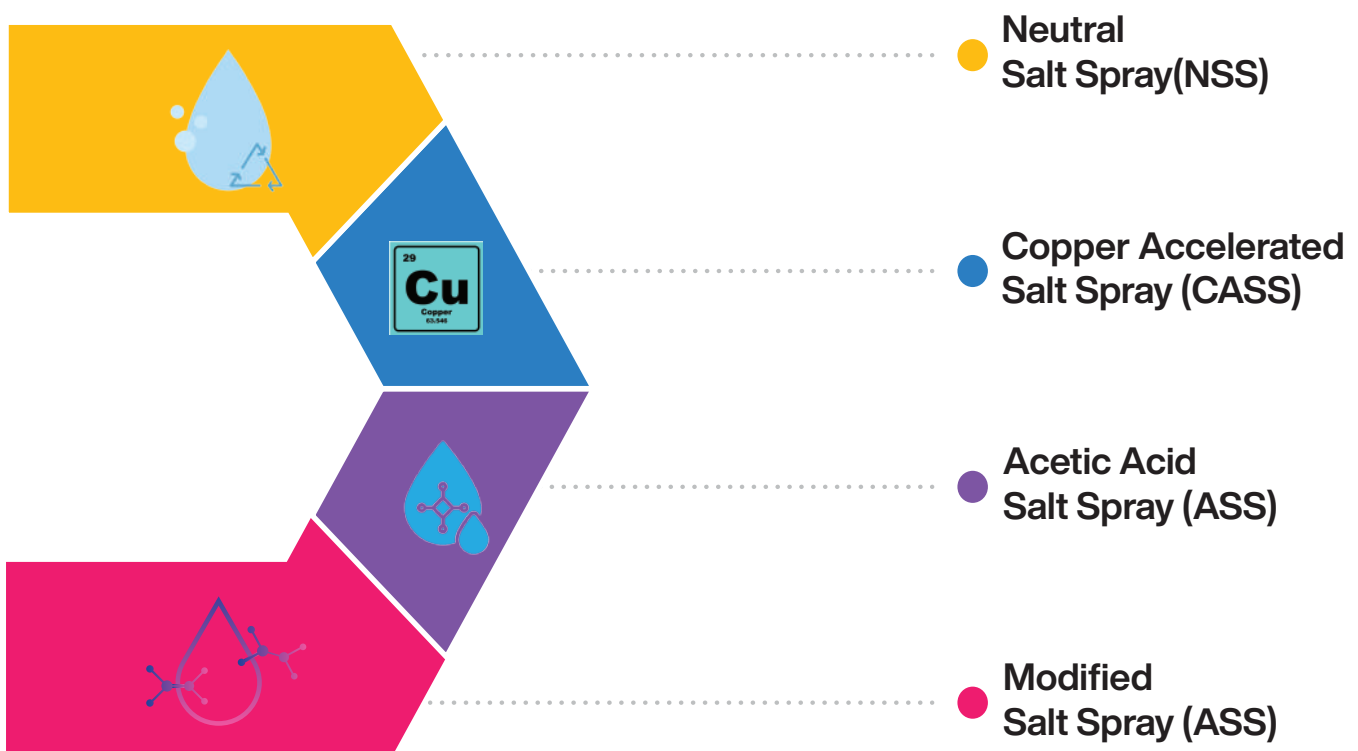
corrosion resistance of decorative copper, nickel, and chromium coatings on various substrates, including steel, zinc alloys, aluminium alloys, and plastics, by simulating severe service conditions in a controlled environment.



Why ?

Salt spray tests, including Neutral Salt Spray (NSS), Acetic Acid Salt Spray (ASS), and Copper-Accelerated Acetic Acid Salt Spray (CASS), are essential methods for evaluating the corrosion resistance of various materials and coatings. These standardized tests simulate harsh environmental conditions by exposing specimens to a saline mist, thereby accelerating the corrosion process. The NSS test uses a neutral pH salt solution and is widely recognized for assessing the effectiveness of protective coatings, while the ASS test introduces acetic acid to create a more aggressive environment, leading to faster corrosion rates.

The CASS test further intensifies this effect by adding copper ions, making it particularly useful for testing decorative coatings on metals like nickel and chromium. By employing these tests, manufacturers can ensure their products meet industry standards and perform reliably in real-world corrosive environments, ultimately enhancing product durability and customer satisfaction.



Quarterly Corrosivity Calibrated

SIX

Mist chamber with Latest Refractive standard requirement

- Precisely Regulated Exposure Parameters Through PLC/SCADA
- CASS : Corrosivity Calibration with each Exposure period

Component exposure
Capacity up to

2.6 Mtr

5+ Dedicated chambers

Photographic evidence

Every **8 / 24 / 48** Hrs

- We Share sample card periodically with Client
- Graphical data representation of exposure conditions

Exposure Conducted **365** Days & **24X7**

Over **4,95,000** exposure hours & running