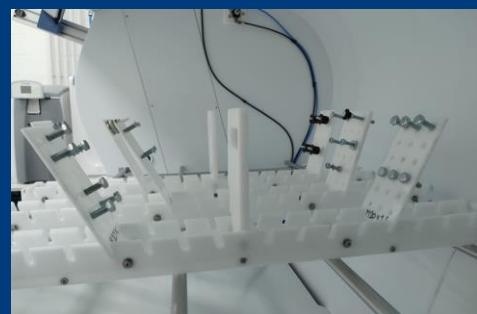


# Improving Your Vehicle Quality Through Cyclic Corrosion Tests

Cyclic Corrosion Testing (CCT) is becoming increasingly vital in the automotive industry due to its significantly better correlation with real-world corrosion behavior compared to traditional Salt Spray Testing (SST). CCT allows for accurate predictions and enhancements of a vehicle's fastener corrosion resistance.

Facil is equipped and eager to assist with all your Cyclic Corrosion Testing requirements, offering guidance towards an updated and more effective approach to surface treatment.



Test method	Standard
VICT (Volvo Indoor Corrosion Test Method) Volvo ACT I (Volvo Car)	STD 1027,1375 VCS 1027,149
Volvo ACT I (Volvo Group)	STD 423,0014
Volvo ACT II (Volvo Group) Ford ACT II	VCS 1027,1449 CETP 00,00-L467
Scania Corrosion Test Method	STD 4319
ISO Cyclic Corrosion Test Method Renault Corrosion Test Method ECCI	SS-EN ISO16701:2008 D 17 2028/D
Cyclic VDA Corrosion Test Method	VDA 233-102

Further information?

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**C E R T I F I E D**  
BY VOLVO

(For ACT1 testing acc to STD 423,0014)

# Corrosion Capability Expansion

Facil has expanded its Corrosion testing capabilities to provide more flexibility and greater support for alternative test methods. This upgrade allows for an expanded range for the evaluation and optimization of corrosion resistance in automotive parts.

Facil is ready to support your testing needs with these upgraded capabilities, continuing to guide you toward more reliable and effective surface treatment solutions.



Test method	Standard
Standard Practice for Operating Salt Spray (Fog) Apparatus	ASTM B117
Standard Practice for Testing Water Resistance of Coatings Using Water Fog Apparatus	ASTM D1735
Standard Practice for Testing Water Resistance of Coatings in 100% Relative Humidity	ASTM D2247
Standard Practice for Modified Salt Spray (Fog) Testing	ASTM G85, Annex 1, 2, and 3.
General Motors Salt Spray/Mist Testing	GM 4298P
Paints and varnishes – Determination of resistance to humidity	ISO 6270-2
Corrosion tests in artificial atmospheres	ISO 9227
Simulation of acid rain exposure	Japan Acid Rain CCT
Methods of Corrosion Resistance Test for Metallic Coatings	JIS H8502
Corrosion Protection of Vehicle Paint by Alternating Cycles	VDA 621-415

← This list is not comprehensive!

Don't See Your Standard?  
Need Further information?

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