

Partners in environmental testing for  
**defence industries** around the world



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a weiss technik company

Testing climate resistance **to the limit**

# The importance of corrosion testing in the defence sector

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Corrosion can significantly impact military equipment in several ways.

## **Structural Integrity**

Corrosion weakens the metal components of vehicles, ships and aircraft leading to potential structural failures. This can compromise safety and reliability, especially in combat situations.

## **Operational Readiness**

Corrosion can cause critical systems to malfunction, reducing the operational readiness of military equipment. This can delay missions and reduce the effectiveness of military operations.

## **Maintenance Costs**

The cost of repairing and replacing corroded parts can be substantial. Regular maintenance to address corrosion issues is necessary, but it also adds to the overall lifecycle cost of the equipment.

## **Performance Degradation**

Corrosion can affect the performance of military equipment by causing issues such as increased friction, reduced efficiency, and potential breakdowns.

## **Aesthetic and Camouflage**

Corrosion can degrade the appearance of military equipment, affecting the camouflage and making them more visible to adversaries.

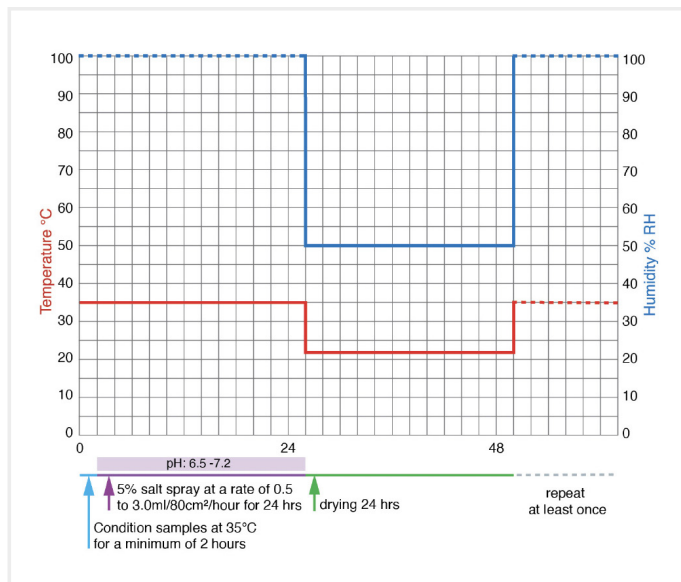


# Worldwide testing of defence components to exacting standards...



# Ascott chambers are suitable for testing to...

MIL-STD-810H



Performed fully automatic in a single Ascott Cyclic Corrosion chamber complete with external midi temperature and humidity climate control unit.



Ministry  
of Defence



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DEF STAN 00-35



# For all your **defence test** requirements

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