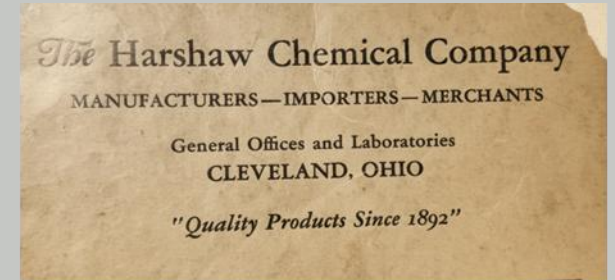


AUTO *Technology*

Strongsville, OH / Grand Rapids, MI

**Accredited Corrosion and Materials
Testing Lab**

**Full-service accelerated corrosion
system engineering and manufacturing**



SAE J2334 DEVELOPMENT

Status of a Cooperative Effort by the Automotive and Steel Industries to Develop a Standard Accelerated Corrosion Test

H. E. Townsend
Bethlehem Steel Corp.
Bethlehem, PA

ABSTRACT

A Task Force on Corrosion has been
established by the Automotive Application

Round-Robin Evaluation of a New Standard Laboratory Test for Cosmetic Corrosion

Herbert E. Townsend
Bethlehem Steel Corp.

Duncan C. McCune
Quality/Statistics

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ABSTRACT

A new, standard laboratory test (SAE J 2334) for

The 12-year efforts of these groups have culminated
in the establishment of a new corrosion test which
has been tentatively designated as SAE J 2334.

Development of this test involved a number of key

Update on the Developments of the SAE J2334 Laboratory Cyclic Corrosion Test

Frank W. Lutze
ACT Laboratories, Inc.

Kevin A. Smith
Auto Technology Company

Rob Mason
Concurrent Technologies Corporation

Dan Nymberg
Ford Motor Company

Larry S. Thompson
General Motors Corporation

Cindy Meade
National Exposure Testing

Lorrie McQuiston
PPG Industries

Raymund Singleton
Singleton Corporation

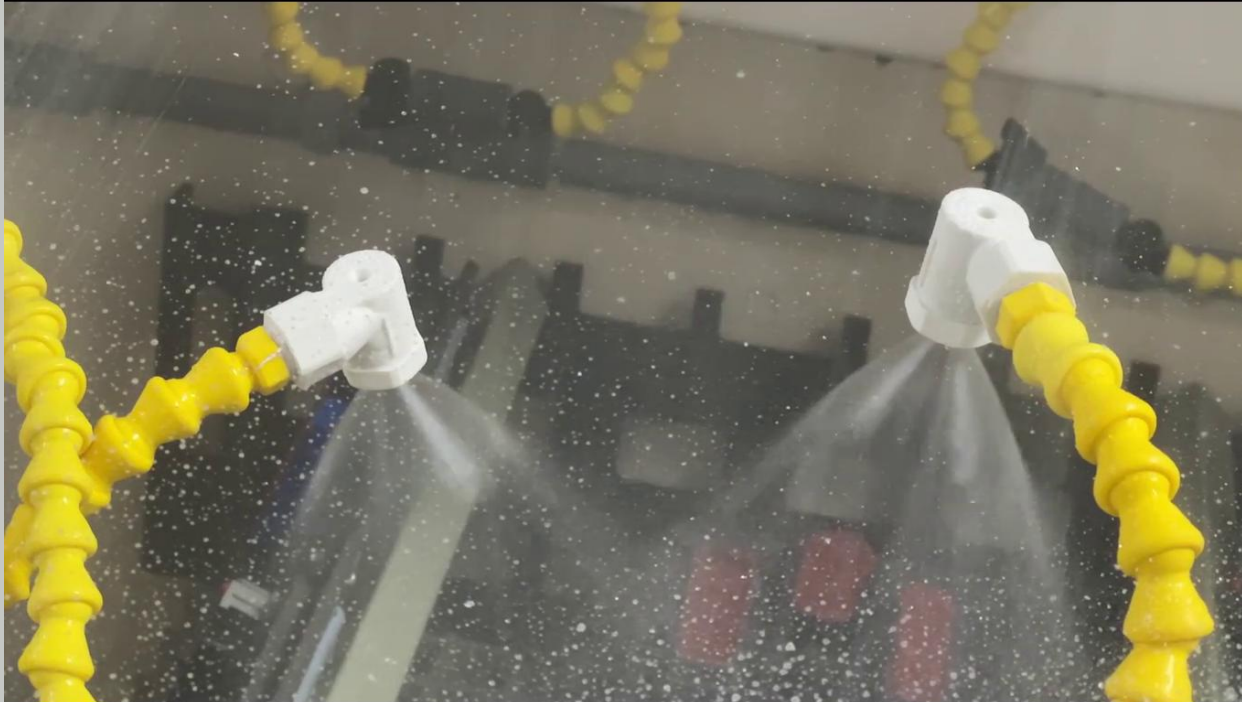
SAE J2334: IMMERSION > SPRAY > FOG



“...use of immersion by all laboratories should improve the reproducibility of the test”

- Townsend, H.E., McCune, D.C., et al. (1997). *Round-Robin Laboratory Evaluation Test for Cosmetic Corrosion of a New Corrosion Standard*. SAE Technical Paper 970734.

SAE J2334: RECENT PRACTICE TRENDS



2019

Immersion: 45%
Fog: 0%

2025

Immersion: 4.35%
Fog: 10.87%

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CORROSION SYSTEMS, SERVICES, AND SUPPLIES