Standard Method of Test for

Analysis of Structural Steel Coatings for Isocyanate Content

AASHTO Designation: T 339-22[1]

Technically Revised: 2022

Technical Subcommittee: 4c, Markings and Coatings

American Association of State Highway and Transportation Officials
555 12th Street NW, Suite 1000
Washington, D.C. 20004

Documents
Document Sharing Hub

© 2022 by the American Association of State Highway and Transportation Officials.
All rights reserved. Duplication is a violation of applicable law.

Full document details: AASHTO T 339-22

Standard Method of Test for

Analysis of Structural Steel Coatings for Isocyanate Content

AASHTO Designation: T 339-22[1]

Technically Revised: 2022

Technical Subcommittee: 4c, Markings and Coatings

1. SCOPE

1.1. This method is designed for the determination of the isocyanate (NCO) content of the resin system found in polyurethane paints.

1.2. The values stated in SI units are to be regarded as the standard.

1.3. *This standard does not purport to address all of the safety concerns associated with its use. It is the responsibility of the user of this standard to consult and establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

1.4. *The quality of the results produced by this standard are dependent on the competence of the personnel performing the procedure and the capability, calibration, and maintenance of the equipment used. Agencies that meet the criteria of R 18 are generally considered capable of competent and objective testing/sampling/inspection/etc. Users of this standard are cautioned that compliance with R 18 alone does not completely assure reliable results. Reliable results depend on many factors; following the suggestions of R 18 or some similar acceptable guideline provides a means of evaluating and controlling some of those factors.*

2. REFERENCED DOCUMENT

2.1. *AASHTO Standards*:

- M 339M/M 339, Thermometers Used in the Testing of Construction Materials
- R 18, Establishing and Implementing a Quality Management System for Construction Materials Testing Laboratories

2.2. *ASTM Standards*:

- E1, Standard Specification for ASTM Liquid-in-Glass Thermometers
- E230/E230M, Standard Specification for Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples
- E2877, Standard Guide for Digital Contact Thermometers

2.3. *International Electrotechnical Commission Standard*:

- IEC 60584-1: 2013 Thermocouples - Part 1: EMF Specifications and Tolerances

© 2022 by the American Association of State Highway and Transportation Officials.
All rights reserved. Duplication is a violation of applicable law.

Documents Document Sharing Hub

Full document details: AASHTO T 339-22