



Standard Practice for Reporting Slip Resistance Test Results¹

This standard is issued under the fixed designation F2048; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This practice provides a framework for reporting the results of slip resistance tests.

1.2 *Application*—This practice is intended for use as a suggested format for recording and reporting data obtained during slip resistance testing. It is recognized that it may not be necessary or possible to record all of the data for all types of tests; however, this practice is considered a basic approach for data collection.

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

1.4 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

2. Significance and Use

2.1 This practice provides a basic approach for recording the preparation, parameters, and results of field slip resistance testing. It is intended to assist those performing such tests in documenting information gathered for further analysis, in preparation for writing a final report, or for record keeping purposes.

2.2 Potential users include those performing slip resistance testing in the field, such as industrial and commercial safety professionals, facility management and maintenance

personnel, forensic engineers, insurance company and broker loss control specialists, and research personnel.

3. Report

3.1 Report the following information for test preparation (see Fig. 1):

- 3.1.1 Client/customer.
- 3.1.2 Location/address.
- 3.1.3 Date and time of test(s).
- 3.1.4 ASTM test method used.
- 3.1.5 Name of tribometer operator and employing company.
- 3.1.6 Address and telephone number of tribometer operator.
- 3.1.7 Type of tribometer (for example, brand and model) and serial number.
- 3.1.8 Test foot preparation protocol.

3.2 Report the following information for test parameters and results:

- 3.2.1 Specific floor location and orientation of the tribometer where the test was performed.
- 3.2.2 Type of test foot material (for example, Neolite test liner, leather, or nitrile rubber).
- 3.2.3 Slope of the surface being tested.
- 3.2.4 Floor material and texture.
- 3.2.5 *Floor Finish*—Indicate the type of finish (for example, type of wax, polish, or paint) applied, if any. Also indicate the condition of the finish.
- 3.2.6 *Floor Conditions*—Indicate if clean or contaminated. If clean, indicate the method of cleaning. If contaminated, indicate the type, continuity, and thickness of the contaminant.
- 3.2.7 Wet or dry testing.
- 3.2.8 Temperature and relative humidity (if relevant).
- 3.2.9 Tribometer reading.

3.3 Provide any comments pertinent to the testing.

4. Keywords

4.1 floor testing; report form; report framework; slip resistance; slip test data; tribometer; walkway testing

¹ This practice is under the jurisdiction of ASTM Committee F13 on Pedestrian/Walkway Safety and Footwear and is the direct responsibility of Subcommittee F13.10 on Traction.

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