

# SUBSTRATUM GROUP

The Cycle of Walkway Management: DESIGN. PLAN. BUILD. MAINTAIN. INSURE. ©

## AMERICAN SLIP METER 825A OPERATORS CERTIFICATE COURSE:

Measuring the Static Coefficient of Friction of a surface requires use of a tribometer like the American Slip Meter 825A. The 825A can be used on most surfaces to measure wet and dry static coefficients of friction.

In this 1-hour ASM-approved course you'll be trained how to use the 825A to measure wet static coefficient of friction. The course explains the science of slip resistance, the physics of coefficient of friction (COF), and the difference between wet and dry static coefficients of friction (SCOF).

Proper preparation and calibration of the 825A is essential to properly measuring SCOF. The course uses video instruction to demonstrate how to prepare neolite sensor material. The pretest calibration process is demonstrated. The B101.1 procedure to measure wet SCOF is explained and demonstrated.

This course trains you to properly use the 825A. Further study is required to assess slip resistance and provide walkway safety services.



## WHO SHOULD ATTEND:

- Users and owners of the 825A tribometer

## HOW YOU WILL BENEFIT:

- Understand slip resistance
- Understand the physics of coefficient of friction and the difference between static and dynamic coefficients of friction.
- Learn the proper procedures to prepare and calibrate the 825A prior to use.
- Learn how to measure wet static coefficient of friction following the B101.1 procedure
- Identify resources available to aid in further study of walkway safety and tribometry

## COURSE OUTLINE:

- Course Review & Introduction
- Slip Resistance
- Coefficient of Friction (COF)
- Static and Dynamic COF
- Preparing and troubleshooting the 825A
- Calibrating the 825A
- Using the 825A to measure wet SCOF following the B101.1 procedure
- Quiz after every section (75% pass required)
- Downloadable checklist include Preparation, Calibration, Measuring WSCOF
- Bibliography for further reading
- Digital ASM 825A Operators Certificate provided upon successful completion of course

NOTE: The B101.1 standard is not included in this course. Only the proper procedure is taught. We strongly recommend purchase of the standard as there is additional information including walkway safety assessment and how to measure the WSCOF of an uninstalled surface.

## COURSE DETAILS:

- Cost: \$99