

# SUBSTRATUM GROUP

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

## REGAN SCIENTIFIC BOT3000E OPERATOR CERTIFICATE COURSE, LEVEL I AND II:

The BOT3000E can be used on most surfaces to measure wet and dry static and dynamic coefficients of friction.

In this 4.0-hour in-person course you'll be trained how to use the BOT3000E to measure wet and dry static and dynamic coefficients 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, DCOF).

Proper preparation and calibration of the BOT is essential to properly measuring SCOF and DCOF. The course uses video instruction to demonstrate how to prepare leather, neolite, and SBR sensor materials. The pretest calibration process is demonstrated. The B101.1, B101.3, A326.3 procedures to measure SCOF and DCOF are explained and demonstrated.

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

### WHO SHOULD ATTEND:

- Users and owners of the BOT3000E 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 BOT3000E prior to use.
- Learn how to measure wet static and dynamic coefficients of friction following the B101.1, B101.3, and A326.3 procedures
- 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 BOT
- Calibrating the BOT
- Using the BOT to measure COF following the B101.1, B101.3, and A326.3 procedures
- Quiz after every section (75% pass required)
- Downloadable checklist include Preparation, Calibration, Measuring SCOF and DCOF
- Bibliography for further reading
- Digital Regan Scientific BOT3000E Operators Certificate Level I & II provided upon successful completion of course
- Free access to 3-hour online IDCEC-approved CEU "Flooring: Material Selection and Design Considerations for Health, Safety, & Welfare"

NOTE: The B101.1, B101.3 standards are not included in this course. Only the proper procedure is taught. We strongly recommend purchase of the standards as there is additional information including walkway safety assessment and how to measure the WSCOF of an uninstalled surface. The A137.1 test excerpt and the A326.3 standard are included.

### COURSE DETAILS:

Cost: \$690 (standards additional cost)

