

Surface Safety Program®

At Z-tech Solutions we have spent over 10 years working with safety advisors, distributors, manufacturers, and associations regarding surface safety issues. Our current program involves 5 key steps and requires an Occupational Health Consultant to determine the right solution for the job.

Our steps include:

- 1) Obtain information and identify surface issues through Z-tech procedures
- 2) Assess site using Z-tech template
- 3) Conduct Baseline Assessment using specialized Tribometer to determine the coefficient of friction (COF).
- 4) Discuss options of effective safety treatments and routine care procedures.
- 5) Provide ongoing surface safety assessment reviews, procedural review and education and documentation supporting safe surfaces (COF Assessment) to ensure the proper degree of records are complying with safety regulations.

At Z-tech we capture information and through a matrix program determine the risk, assess the level of COF when surface is wet or contaminated as well monitor sites/surfaces. Z-tech uses the BOT-3000E, or Binary Output Tribometer, which has passed ASTM rigorous precision and bias requirements, and is capable of measuring both the static and dynamic COF.

Once a baseline of coefficient of friction (COF) is established, we are capable of working from a certified level of diagnostics that will enable us to determine the right corrections needed to bring the floor's surface up to safe levels of compliance. Our comprehensive surface safety program provides ongoing evaluations performed by a Z-tech representative on a scheduled basis. Our staff have comprehensive knowledge in using the Tribometer and can assist with surface safety products to ensure the floor's surface is being maintained properly or to prompt corrective adjustments when needed.

Our comprehensive surface safety program also includes general measures such as placement of wet-floor caution signs, mat placement and education, floor cleaning treatment methods and products, maintenance procedures, spill cleanup protocol, testing, inspection, general education, training elements, and full documentation.

Z-tech Solutions will work with you the client to assist in developing a written and enforced surface safety policy and procedures guide. We provide consultation to improve floor safety, while demonstrating management commitment to prevention. Our policy guide addresses common causes of slips and falls such as poor employee training, lack of weather contingency planning, inconsistent hazard identification, inappropriate footwear, and improper cleaning of floors, among other factors. Our program thoroughly details how to perform - and document - measurement, improvement of your floor surfaces. Don't risk it call us to discuss how we can help.