

NFSI Tribometer Selection Process (TSP)

An NFSI “Approved Tribometer” is one that is determined by the NFSI Technical Review Committee to have met the following criteria:

- 1. The tribometer shall demonstrate reliability and reproducibility in measuring the Dynamic Coefficient of Friction (DCOF) and/or the Static Coefficient of Friction (SCOF) per the NFSI Inter-laboratory Study (ILS) standard.**
- 2. The tribometer manufacturer shall be capable of providing calibration, repair, maintenance, revision control, a reference tile method for field performance verification, and other services necessary to ensure device reliability.**
- 3. The tribometer shall be capable of providing a digital display of results for DCOF and/or SCOF to the hundredths (two positions right of the decimal point) using a scale of 0.00 to ≥ 1.00 .**
- 4. The tribometer manufacturer shall provide both a validation and a calibration report per the ASTM F-2508-2011 "Standard Practice for Validation and Calibration of Walkway Tribometers using Reference Surfaces."**