



SURFACE VEHICLE RECOMMENDED PRACTICE

J3351™

FEB2026

Issued

2026-02

Stepping Surface Test Method for Heavy Vehicles

RATIONALE

This document provides heavy vehicle designers with a means of testing the relative differences between stepping, standing, and walking surfaces.

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1. SCOPE

Define the test equipment and test procedures for measuring slip resistance for stepping, walking, and standing surfaces commonly used on heavy vehicles.

2. REFERENCES

2.1 Related Publications

The following publications are provided for information purposes only and are not a required part of this SAE Recommended Practice.

2.1.1 SAE Publications

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 1-877-606-7323 (U.S. and Canada only) or 1-724-776-4970 (outside U.S. and Canada), www.sae.org.

Lackore, J., and Voss, K., "Stepping Surface Testing Method for Medium and Heavy Duty Vocational Trucks," *SAE Int. J. Commer. Veh.* 8(2):519-528, 2015, <https://doi.org/10.4271/2015-01-2834>.

2.1.2 Code of Federal Regulations (CFR) Publications

Copies of these documents are available online at www.ecfr.gov.

49 CFR § 399.207 Truck and Truck-Tractor Access Requirements

3. DEFINITIONS

3.1 DRAG PUCK

Cylindrical mass with a recess at the bottom to retain the drag material.

3.2 SHOE SIMULATOR PAD

A circular pad of material used to simulate the sole of a shoe.

3.3 DCOF

Dynamic coefficient of friction