



SURFACE VEHICLE RECOMMENDED PRACTICE

J866™

MAR2019

Issued 1964-03
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Stabilized 2019-03

Superseding J866 JUL2012

Friction Coefficient Identification and Environmental Marking System for Brake Linings

RATIONALE

Proposal is to stabilize the document as it is up for Five-Year Review, no changes are required, and it represents marking requirements as specified by California and Washington state law for brake pad copper content. Discussions with WA Dept. of Ecology and CA Dept. of Toxic Substances control have confirmed agreement with stabilizing the SAE J866 standard.

STABILIZED NOTICE

This document has been declared "Stabilized" by the SAE Brake Linings Standards Committee and will no longer be subjected to periodic reviews for currency. Users are responsible for verifying references and continued suitability of technical requirements. Newer technology may exist.

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1. SCOPE

This SAE Recommended Practice is intended to provide a uniform means of identification which may be used to classify the friction coefficient of brake linings, based on data obtained from tests conducted in accordance with SAE J661 Brake Lining Quality Test Procedure and SAE J2975 Measurement of Copper and other elements in Brake Friction Materials.

NOTE: It is emphasized that this document does not establish friction requirements for brake linings, nor does it designate significant characteristics of brake linings which must be considered in overall brake performance. Due to other factors that include brake system design and operating environment, the friction codes obtained from this document cannot reliably be used to predict brake system performance.

2. REFERENCES

2.1 Applicable Documents

The following publications form a part of this specification to the extent specified herein. Unless otherwise indicated, the latest issue of SAE publications shall apply.

2.1.1 SAE Publications

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

SAE J661 Brake Lining Quality Test Procedure

SAE J2975 Measurement of Copper and Other Elements in Brake Friction Materials