



**Foreword—**

This SAE Standard is based on U. S. Federal Standard 143, dated August 10, 1962, entitled "Spark Plug, Heat Rating of, Method of Classifying".

**1. Scope—**This SAE Standard details a uniform method for classifying heat ratings of unshielded spark plugs.

**2. References**

**2.1 Applicable Publications—**The following publications form a part of the specification to the extent specified herein. Unless otherwise indicated the latest issue of SAE publications shall apply.

2.1.1 SAE PUBLICATION—Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

SAE J549—Preignition Rating of Spark Plugs

2.1.2 U. S. FEDERAL STANDARDS—Available from the Superintendent of Documents, U. S. Government Printing Office, Mail Stop: SSOP, Washington, DC 20402-9320.

Federal Standard 143—Spark Plug, Heat Rating of, Method of Classifying

**3. Definition—**The following term is defined as follows for use in reference to this document.

**3.1 IMEP—**Indicated Mean Effective Pressure (refer to SAE J549 for formula to calculate IMEP).

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