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SVENSK STANDARD SS-ISO 13774

Handläggande organ	Fastställd	Utgåva	Sida
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Rubber and plastics hoses for fuels for internal-combustion engines – Method of test for flammability

The International Standard ISO 13774:1998 has the status of a Swedish Standard. This document contains the official English version of ISO 13774: 1998.

Swedish Standards corresponding to documents referred to in this Standard are listed in ”Catalogue of Swedish Standards”, issued by SIS. The Catalogue lists, with reference number and year of Swedish approval, International and European Standards approved as Swedish Standards as well as other Swedish Standards.

Bränsleslang av gummi och plast för förbränningsmotorer – Provning av brännbarhet

Den internationella standarden ISO 13774:1998 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av ISO 13774:1998.

Motsvarigheten och aktualiteten i svensk standard till de publikationer som omnämns i denna standard framgår av ”Katalog över svensk standard”, som ges ut av SIS. I katalogen redovisas internationella och europeiska standarder som fastställts som svenska standarder och övriga gällande svenska standarder.

ICS 13.220.40; 75.200; 83.140.40

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 13774 was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 1, *Hoses (rubber and plastics)*.

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WARNING — Persons using this International Standard should be familiar with normal laboratory practice. This standard does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user to establish appropriate safety and health practices and to ensure compliance with any national regulatory conditions.

Attention is drawn to the need for ensuring that the test specified in this International Standard is carried out under suitable environmental conditions and that personnel are adequately protected against risk of fire and inhalation of smoke and/or toxic products of combustion.

1 Scope

This International Standard specifies a method for assessing the flammability of hoses with a nominal bore of 16 or smaller, intended for use with petroleum fuels for internal-combustion engines.

NOTE — The method of test for flammability of other types of rubber and plastics hoses is given in ISO 8030:1995, *Rubber and plastics hoses — Method of test for flammability*.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 471:1995, *Rubber — Temperatures, humidities and times for conditioning and testing.*

3 Principle

The hose, filled with heptane, is subjected to fire. No leakage may occur earlier than T min after ignition of the fuel in the tray. The time T is specified in the appropriate product standard.

4 Apparatus and materials

4.1 Draught-free room, maintained at a standard temperature (see ISO 471).

4.2 Steel stands, for supporting the test piece in a horizontal position above the fuel tray (see figure 1).