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Fourth edition
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Rubber or plastics hoses and hose assemblies — Hydraulic impulse test with flexing

Tuyaux et flexibles en caoutchouc et en plastique renforcés par des fils métalliques — Essai d'impulsions hydrauliques avec flexions



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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 1, *Rubber and plastics hoses and hose assemblies*.

This fourth edition cancels and replaces the third edition (ISO 6802:2005), which has been technically revised.

The main changes compared to the previous edition are as follows:

- new [Clause 6](#) on test fluid has been added;
- [Clause 8](#) on procedure has been updated to include an option for a cool down test and leakage classification as defined in ISO/TR 11340;
- new [Clause 9](#) on expression of results has been added;
- new [Annex A](#) describing optional cool down leakage test has been incorporated.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Introduction

Hydraulic hoses and hose assemblies are frequently flexed in service. As there is a possibility that this needs to be taken into account during testing, this document provides a standard method of flexing during impulse testing.