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JIS K 6330-2 : 2013

(JRMA/JSA)

**Rubber and plastics hoses and hose as-  
semblies — Part 2: Hydrostatic testing**

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In the event of any doubts arising as to the contents,  
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## Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by The Japan Rubber Manufacturers Association (JRMA)/ Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently, **JIS K 6330-2: 1998** is replaced with this Standard.

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Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

**JIS K 6330** series consists of the following 10 parts.

JIS K 6330-1 *Testing methods for rubber and plastics hoses — Part 1: Methods of measurement of dimensions for hoses and hose assemblies*

JIS K 6330-2 *Rubber and plastics hoses and hose assemblies — Part 2: Hydrostatic testing*

JIS K 6330-3 *Testing methods for rubber and plastics hoses and hose assemblies — Part 3: Determination of resistance to vacuum*

JIS K 6330-4 *Testing methods for rubber and plastics hoses — Part 4: Sub-ambient temperature flexibility tests*

JIS K 6330-5 *Testing methods for rubber and plastics hoses — Part 5: Determination of electrical resistance*

JIS K 6330-6 *Rubber and plastics hoses — Part 6: Determination of adhesion between components*

JIS K 6330-7 *Rubber and plastics hoses — Part 7: Assessment of ozone resistance under static conditions*

JIS K 6330-8 *Testing methods for rubber and plastics hoses — Part 8: Hydraulic pressure impulse test without flexing*

JIS K 6330-9 *Testing methods for rubber and plastics hoses — Part 9: Bending properties of hoses and tubing*

JIS K 6330-10 *Testing methods for rubber and plastics hoses — Part 10: Determination of transmission of liquids through hose walls*

# Rubber and plastics hoses and hose assemblies — Part 2 : Hydrostatic testing

## Introduction

This Japanese Industrial Standard has been prepared based on the fourth edition of ISO 1402 published in 2009 with some modifications of the technical contents.

The portions given dotted underlines are the matters in which the contents of the corresponding International Standard have been modified. A list of modifications with the explanations is given in Annex JB.

## 1 Scope

This Standard specifies the method of hydrostatic testing for rubber and plastics hoses (hereafter referred to as "hoses") and hose assemblies.

**WARNING** Persons carrying out tests based on this 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 of this Standard to establish appropriate safety and health practices.

**NOTE :** The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows :

ISO 1402 : 2009 *Rubber and plastics hoses and hose assemblies — Hydrostatic testing* (MOD)

The symbols which denote the degree of correspondence in the contents between the relevant International Standard and JIS are IDT (identical), MOD (modified), and NEQ (not equivalent) according to ISO/IEC Guide 21-1.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS K 6250 *Rubber — General procedures for preparing and conditioning test pieces for physical test methods*

**NOTE :** Corresponding International Standard : ISO 23529 *Rubber — General procedures for preparing and conditioning test pieces for physical test methods* (MOD)

JIS K 6330-1 *Testing methods for rubber and plastics hoses — Part 1 : Methods of measurement of dimensions for hoses and hose assemblies*

**NOTE :** Corresponding International Standard : ISO 4671 *Rubber and plastics*