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Textile reinforced thermoplastic hose assemblies for hydraulic use

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law.

Consequently **JIS B 8362**:1994 is replaced with this Standard.

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Textile reinforced thermoplastic hose assemblies for hydraulic use

Introduction This Japanese Industrial Standard has been prepared based on **JIS B 8362** which was revised in 1994, also taking into consideration the correspondence to revision or establishment of the following Japanese Industrial Standards so that compatibility of this Standard with these standards can be achieved.

JIS K 6330-2 *Testing methods for rubber and plastics hoses — Part 2 : Hydrostatic testing*

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

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

JIS K 6375 *Plastics hoses and hose assemblies — Thermoplastics, textile-reinforced, hydraulic type — Specification*

JIS Z 8301 *Rules for the drafting and presentation of Japanese Industrial Standards*

1 Scope This Standard specifies the two types of textile reinforced thermoplastic hose assemblies used at maximum working pressure of 6.9 MPa to 34.5 MPa (hereafter referred to as "hose assemblies"). The hose assembly shall be suitable for use for mineral hydraulic oil, water and synthetic hydraulic oil at temperature in the range of –40 °C to +100 °C.

Information : Synthetic hydraulic oil refers to fire resistant hydraulic oil or fire resistant hydraulic fluid made from synthetic compounds such as ester and halogen hydrocarbon.

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 B 8363 *End fittings and adapters for hydraulic hose assemblies*

JIS K 6330-2 *Testing methods for rubber and plastics hoses — Part 2 : Hydrostatic testing*

NOTE : ISO 1402 : 1994 *Rubber and plastics hoses and hose assemblies — Hydrostatic testing* is equivalent to the said standard.

JIS K 6330-4 *Testing methods for rubber and plastics hoses — Part 4 : Sub-am-*

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