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JIS A 8340-6 : 2010

**Earth-moving machinery—Safety—  
Part 6: Requirements for cable  
excavators**

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## Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of Health, Labour and Welfare and the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law.

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**JIS A 8340** series consists of the following six parts under the general title “*Earth-moving machinery—Safety*”:

*Part 1: General requirements*

*Part 2: Requirements for bulldozer*

*Part 3: Requirements for loaders*

*Part 4: Requirements for hydraulic excavators*

*Part 5: Requirements for dumpers*

*Part 6: Requirements for cable excavators*

# Earth-moving machinery—Safety— Part 6: Requirements for cable excavators

## Introduction

This Japanese Industrial Standard is a type C standard (safety standard for individual machinery) defined in the foreword of **JIS B 9700-1**.

## 1 Scope

This Standard specifies safety requirements for a crawler driven machinery shovel (hereafter referred to as “cable excavator”).

This Standard collectively applies the general requirements of **JIS A 8340-1**, however, where they deviate from the requirements of this Standard, the requirements of this Standard take precedence.

The typical models to which this Standard is applied are shown in Annex A for reference.

This Standard considers all significant hazards (see Annex B and Annex 1 of **JIS A 8340-1**) directly associated with cable excavators when used under the condition the manufacturer intended and forecasted, and shows practical measures to remove and/or reduce the risks that can be generated by them.

## 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 A 8317-2 *Acoustics—Measurement at the operator’s position of noise emitted by earth-moving machinery—Dynamic test conditions*
- JIS A 8333-1 *Earth-moving machinery—Field of vision of surveillance and rear-view mirrors—Part 1: Test method*
- JIS A 8333-2 *Earth-moving machinery—Field of vision of surveillance and rear-view mirrors—Part 2: Performance criteria*
- JIS A 8340-1 *Earth-moving machinery—Safety—Part 1: General requirements*
- JIS A 8922 *Earth-moving machinery—Hydraulic excavators—Laboratory tests and performance requirements for operator protective guards*
- JIS B 8823-2 *Cranes—Controls—Layout and characteristics—Part 2: Mobile cranes*
- JIS B 9700-1 *Safety of machinery—Basic concepts, general principles for design—Part 1: Basic terminology, methodology*
- JIS B 9700-2 *Safety of machinery—Basic concepts, general principles for design—Part 2: Technical principles*
- JIS D 6301 *Standard for construction and performance of truck cranes, wheel cranes and crawler cranes*

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