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(JCA/JSA)

**Graphic symbols for gondola control**

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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 according to the proposal for establishment of Japanese Industrial Standard submitted by Japan Crane Association (JCA)/Japanese Standards Association (JSA) with the draft prepared from the association standard (Japan Crane Association Standard : **JCAS5003-2011**) being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

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## Graphic symbols for gondola control

### 1 Scope

This Japanese Industrial Standard specifies the letters, graphic symbols and their markings to be given on gondolas for such operations as building cleaning, building painting and welding, for the purpose of preventing accidents caused by incorrect gondola operations.

### 2 Terms and definitions

For the purpose of this Standard, the following terms and definitions apply.

#### 2.1 gondola

device comprised of a hanging scaffold, a lift and other equipment and auxiliaries where the hanging scaffold work floor is designed to be lifted or lowered by a dedicated lift (see figure 1)

The control panel of the work floor is, in many cases, placed toward the counter-wall side.

#### 2.2 work floor

floor which is provided to bring workers close to a work location and to enable the workers to carry out such operations as cleaning, painting and welding in high places

The floor materials are closely spaced and firmly secured to the frame, and hand rails and toeboards are provided.

#### 2.3 carriage

equipment in a gondola which is placed on the rooftop and mounted with a lift, a travelling equipment, an arm elevating equipment, a control panel, and so on (see figure 1)

#### 2.4 arm

pillar structure which extends from the carriage and moves with variable angles and supports the work floor using wire ropes and other means (see figure 1)

#### 2.5 base turning

turning of the carriage or the arm (see figure 1)

It is also referred to as carriage turning.

#### 2.6 turning at the arm tip

turning of the work floor with the centre of turn at the arm tip (see figure 1)