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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 Japan Association of Corrosion Control (JACC)/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 Z 0310:2004** is replaced with this Standard.

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Abrasive blast-cleaning methods for surface preparation

Introduction

This Japanese Industrial Standard has been prepared based on the second edition of **ISO 8504-1** published in 2000 and the second edition of **ISO 8504-2** published in 2000 with some modifications of the technical contents.

Annex JA is newly added to the previous edition of this Standard.

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

1 Scope

This Standard specifies abrasive blast-cleaning methods for the surface preparation of steel products before the application of paints or related products for the purpose of rust and corrosion prevention, and also specifies the basic matters relating to blast-cleaning abrasive to be used, and the test and assessment methods of the surface to be treated.

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

ISO 8504-1:2000 *Preparation of steel substrates before application of paints and related products—Surface preparation methods—Part 1: General principles*

ISO 8504-2:2000 *Preparation of steel substrates before application of paints and related products—Surface preparation methods—Part 2: Abrasive blast-cleaning* (Overall evaluation: MOD)

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

WARNING The machinery and substance used in abrasive blast-cleaning may be injurious to health of workers if inadequate precautions are taken. In case of occurrence of any safety-related problems on workers during the abrasive blast-cleaning, especially concerning the air-blasting equipment with which the worker executes the abrasive blast-cleaning directly, any measures such as a safety device which automatically stops the equipment independently of the worker's intention are required to be taken. Attention is fully drawn to the daily checking of the body of pressure vessel, connecting joints, connecting hoses, connecting nozzles and regulating valves for flow rate of blast-cleaning abrasive, as well as their storage place in the case where they are not used for a long period of time. Attention is also drawn to the dusts, scrapings and water contaminated with them generated by the