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Magnesia grinding wheels

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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 Grinding Wheel Association (GIS) / 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 R 6219:2003** is replaced with this Standard.

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Magnesia grinding wheels

Introduction

This Japanese Industrial Standard was established in 1978 and became what to this day through thrice revisions. Following the last revision performed in 2003, it is revised this time in order to contribute to the conformity assessment.

The corresponding International Standard has not established at present.

1 Scope

This Standard specifies the magnesia grinding wheels (hereafter referred to as “grinding wheels”) which use aluminum abrasive grains or silicon carbide abrasive grains specified in **JIS R 6111**.

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 R 6001 *Bonded abrasive grain sizes*

JIS R 6111 *Artificial abrasives*

JIS R 6211-1 *Bonded abrasive products—Dimensions—Part 1 : Grinding wheels for external cylindrical grinding between centres*

JIS R 6211-4 *Bonded abrasive products—Dimensions—Part 4 : Grinding wheels for surface grinding/peripheral grinding*

JIS R 6211-5 *Bonded abrasive products—Dimensions—Part 5 : Grinding wheels for surface grinding/face grinding*

JIS R 6240 *Testing methods of grinding wheels*

JIS R 6241 *Maximum operating speed of grinding wheels*

JIS R 6242 *Bonded abrasive products—General requirements*

JIS R 6243 *Bonded abrasive products—Static balancing of grinding wheels—Testing*

3 Specifications

3.1 Classification of abrasives

The classification and the symbol of abrasives used for grinding wheels shall be as