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**Melt-solidified slag material for road
construction derived from municipal
solid waste and sewage sludge**

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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 in accordance with the Industrial Standardization Law. Consequently **JIS A 5032:2006** is replaced with this Standard.

However, **JIS A 5032:2006** may be applied in the **JIS** mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until October 19, 2017.

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Melt-solidified slag material for road construction derived from municipal solid waste and sewage sludge

Introduction

This Japanese Industrial Standard was established in 2006 and has been revised for the first time. This revision was initiated to incorporate into this Standard the contents of “Guidance for introducing environmentally sound quality and inspection method to slag aggregate for concrete” issued on July 12, 2011 as Annex 2 of “Guide for the inclusion of environmental aspects in architecture sector standards” (decision on March 28, 2003 by Technical Committee on Civil Engineering and Technical Committee on Architecture) by Technical Committee on Civil Engineering and Technical Committee on Architecture under Japanese Industrial Standards Committee. The comparison table between previous and current editions of this Standard on technically significant revisions is given in Annex C.

No corresponding International Standard has been established at this point.

1 Scope

This Standard specifies the melt-solidified slag material (hereafter referred to as molten slag) to be used for general road construction materials such as aggregate for asphalt mixture, roadbed material, and banking material.

The molten slag covered by this Standard is a slag material manufactured for the purpose of efficient utilization of the municipal solid waste, sewage sludge, etc. in the melt-solidifying facilities, and includes the following. Molten slag is synonymous with melt-solidified material.

- a) The molten slag produced in private melt-solidifying facilities which are entrusted by the municipal authorities to treat the municipal solid waste, or that produced when municipal solid waste is treated together with industrial waste whose reuse is approved by the municipal authorities.
- b) The molten slag subjected to treatment such as magnetic selection, particle size adjustment, etc. or property modification in the melt-solidifying facilities or separate facilities.

Molten slags are classified into granulated slag, air-cooled slag and slow-cooled slag. In this Standard, the term “slow-cooled slag” refers to both the air-cooled slag and slow-cooled slag.

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 1102 *Method of test for sieve analysis of aggregates*