



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS A 8335 : 2009

(ISO 21507 : 2005)

(JCMA/JSA)

**Earth-moving machinery—
Performance requirements for
non-metallic fuel tanks**

ICS 53.100

Reference number : JIS A 8335 : 2009 (E)

Date of Establishment: 2009-03-20

Date of Public Notice in Official Gazette: 2009-03-23

Investigated by: Japanese Industrial Standards Committee

Standards Board

Technical Committee on Industrial Machinery

JIS A 8335:2008, First English edition published in 2009-10

Translated and published by: Japanese Standards Association
4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

© JSA 2009

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Printed in Japan

Contents

	Page
Introduction.....	1
1 Scope.....	1
2 Normative references	1
3 Terms and definitions	2
4 Requirements	2
4.1 Protection.....	2
4.2 Corrosion resistance	2
4.3 Installation	2
4.4 Location restriction	3
4.5 Performance	3
5 Test methods and performance criteria	3
5.1 Pressure and mechanical strength tests of the tank	3
5.2 Fuel permeability	5
5.3 Resistance to fuels.....	5
5.4 Fire resistance	5
5.5 Resistance to high temperatures	6
6 Marking.....	6

Foreword

This translation has been made based on the original Japanese Industrial Standard established by 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 Construction Mechanization Association (JCMA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

This **JIS** document is protected by the Copyright Law.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.