

# INDUSTRIAL STANDARD

Translated and Published by Japanese Standards Association

## $JIS\;G\;3474^{\,:\,2014}$

### (JISF)

### High strength steel tubes for steel tower

ICS 77.140.75 Reference number : JIS G 3474 : 2014 (E)

This is a preview. Click here to purchase the full publication.

Date of Establishment: 1988-10-01 Date of Revision: 2014-02-20 Date of Public Notice in Official Gazette: 2014-02-20

Investigated by: Japanese Industrial Standards Committee

**Standards Board** 

Technical Committee on Iron and Steel

JIS G 3474 : 2014, First English edition published in 2014-10

Translated and published by: Japanese Standards Association Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

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

© JSA 2014

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

HN

This is a preview. Click here to purchase the full publication.

#### Contents

### Page

1	Scope1
2	Normative references ······1
3	Grade, designation and applicable wall thickness1
4	Manufacturing process ······2
5	Chemical composition ·····2
6	Carbon equivalent ······2
7 7.1 7.2 7.3 7.4	Mechanical properties2Tensile strength, yield point or proof stress, and elongation2Flattening resistance3Tensile strength of weld3Charpy absorbed energy4
8 8.1 8.2	Dimensions, mass and dimensional tolerances ····································
9 Ap	ppearance ······6
10 T 10.1 10.2 10.3	Yest 7   Chemical analysis 7   Mechanical test 7   Other tests 9
11 In 11.1 11.2	nspection and reinspection ······10 Inspection ······10 Reinspection ·····10
12	Marking ·····10
13	Report ·····11
Annex	A (normative) Special quality requirements

#### 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 The Japan Iron and Steel Federation (JISF) 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 G 3474: 2011 is replaced with this Standard.

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

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.