

Translated and Published by Japanese Standards Association

 $JIS \ G \ 3454$: 2017

(JISF)

Carbon steel pipes for pressure service

 $\mathbf{ICS}\ 23.040.10; 77.140.75$

 $Reference\ number:\ JIS\ G\ 3454:2017\ (E)$

G 3454:2017

Date of Establishment: 1962-03-01

Date of Revision: 2017-08-21

Date of Public Notice in Official Gazette: 2017-08-21

Investigated by: Japanese Industrial Standards Committee

Standards Board for ISO area

Technical Committee on Metal and Inorganic

Materials

JIS G 3454:2017, First English edition published in 2017-10

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 2017

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

AT

Contents

	Page
Intro	duction 1
1	Scope1
2	Normative references 1
3	Classification and symbols2
4	Manufacturing process
5	Chemical composition ····································
6 6.1 6.2 6.3	Mechanical properties
7	Zinc-coating test characteristics5
8	Hydraulic test characteristics and nondestructive test characteristics 5
9 9.1 9.2	Dimensions, mass and dimensional tolerances 6 Dimensions and unit mass 6 Dimensional tolerances 6
10	Appearance 8
11	Supplementary quality requirements
12 12.1 12.2 12.3 12.4	Tests
13 13.1 13.2	Inspection and reinspection12Inspection12Reinspection12
14	Marking12
15	Report
Anne	x JA (normative) Supplementary quality requirements14
Anne	x JB (informative) Comparison table between JIS and corresponding International Standards15

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 3454**:2012 is replaced with this Standard.

However, **JIS** G **3454**:2012 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 August 20, 2018.

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.