



Date: December 2005

To: Purchasers of API Standard 650, Welded Steel Tanks for Oil Storage, Tenth Edition

Re: Addendum 4

This package contains Addendum 4 of API Standard 650, Welded Steel Tanks for Oil Storage, Tenth Edition. This package consists of the pages that have changed since the September 2003 printing of Addendum 3.

To update your copy of API Standard 650, replace the following pages as indicated:

<u>Part of Book Changed</u>	<u>Old Pages to be Replaced</u>	<u>New Pages</u>
Cover	front and back covers	front and back covers
Front Matter	title page, ii	title page, ii
Table of Contents	vii–xii	vii–xii
Section 1	1-1-1-5 (+blank)	1-1-1-5 (+blank)
Section 2	2-1-2-11 (+blank)	2-1-2-11 (+blank)
Section 3	3-1-3-51 (+blank)	3-1-3-51 (+blank)
Section 4	4-1 (+blank)	4-1-4-2
Section 5	5-1-5-6	5-1-5-6
Section 6	6-1-6-2	6-1-6-2
	6-5 (+blank)	6-5 (+blank)
Section 7	7-1-7-2	7-1-7-2
Section 8	8-1-8-2	8-1-8-2
Appendix A	A-9–A-10	A-9–A-10
Appendix C	C-1–C-2	C-1–C-2
Appendix D	D-1–D-11 (+blank)	D-1–D-14
Appendix E	E-1–E-8	E-1–E-17 (+blank)
Appendix F	F-1–F-5 (+blank)	F-1–F-5 (+blank)
Appendix G	G-3–G-7 (+blank)	G-3–G-7 (+blank)
Appendix H	H-1–H-7 (+blank)	H-1–H-7 (+blank)
Appendix I	I-1–I-6	I-1–I-6
Appendix J	J-1–J-2	J-1–J-2
Appendix L	L-3–L-4	L-3–L-4
	L-7–L-8 (+blank)	L-7–L-8 (+blank)
Appendix M	M-1–M-4	M-1–M-4
Appendix P	P-19–P-44 (+blank)	P-19–P-44 (+blank)
Appendix R	none	new pages R-1 (+blank)
Appendix S	S-3–S-8 (+blank)	S-3–S-8 (+blank)
Appendix T	T-1–T-2	T-1–T-2
Appendix U	U-1–U-3 (+blank)	U-1–U-3 (+blank)
Appendix V	none	new pages V-1–V-14

The parts of the text, tables, and figures that contain changes are indicated by a vertical bar and a small “05” in the margin.

Welded Steel Tanks for Oil Storage

API STANDARD 650
TENTH EDITION, NOVEMBER 1998

ADDENDUM 1, JANUARY 2000
ADDENDUM 2, NOVEMBER 2001
ADDENDUM 3, SEPTEMBER 2003
ADDENDUM 4, DECEMBER 2005



Welded Steel Tanks for Oil Storage

Downstream Segment

API STANDARD 650
TENTH EDITION, NOVEMBER 1998

ADDENDUM 1, JANUARY 2000
ADDENDUM 2, NOVEMBER 2001
ADDENDUM 3, SEPTEMBER 2003
ADDENDUM 4, DECEMBER 2005



SPECIAL NOTES

API publications necessarily address problems of a general nature. With respect to particular circumstances, local, state, and federal laws and regulations should be reviewed.

API is not undertaking to meet the duties of employers, manufacturers, or suppliers to warn and properly train and equip their employees, and others exposed, concerning health and safety risks and precautions, nor undertaking their obligations under local, state, or federal laws.

Information concerning safety and health risks and proper precautions with respect to particular materials and conditions should be obtained from the employer, the manufacturer or supplier of that material, or the material safety data sheet.

Nothing contained in any API publication is to be construed as granting any right, by implication or otherwise, for the manufacture, sale, or use of any method, apparatus, or product covered by letters patent. Neither should anything contained in the publication be construed as insuring anyone against liability for infringement of letters patent.

This publication will no longer be in effect five years after its publication date as an operative API standard or, where an extension has been granted, upon republication. Status of the publication can be ascertained from the API Standards Department [telephone (202) 682-8000]. A catalog of API publications and materials is published annually and updated quarterly by API, 1220 L Street, N.W., Washington, D.C. 20005.

This document was produced under API standardization procedures that ensure appropriate notification and participation in the developmental process and is designated as an API standard. Questions concerning the interpretation of the content of this standard or comments and questions concerning the procedures under which this standard was developed should be directed in writing to the director, Standards Department, American Petroleum Institute, 1220 L Street, N.W., Washington, D.C. 20005, standards@api.org. Requests for permission to reproduce or translate all or any part of the material published herein should be addressed to the publications manager at publications@api.org.

API standards are published to facilitate the broad availability of proven, sound engineering and operating practices. These standards are not intended to obviate the need for applying sound engineering judgment regarding when and where these standards should be utilized. The formulation and publication of API standards is not intended in any way to inhibit anyone from using any other practices.

Any manufacturer marking equipment or materials in conformance with the marking requirements of an API standard is solely responsible for complying with all the applicable requirements of that standard. API does not represent, warrant, or guarantee that such products do in fact conform to the applicable API standard.

All rights reserved. No part of this work may be reproduced, stored in a retrieval system, or transmitted by any means, electronic, mechanical, photocopying, recording, or otherwise, without prior written permission from the publisher. Contact the Publisher, API Publishing Services, 1220 L Street, N.W., Washington, D.C. 20005.

Copyright © 1998, 2000, 2001, 2003, 2005 American Petroleum Institute