Inspecting Pipeline Installation

ASCE Manuals and Reports on Engineering Practice No. 117



Inspecting Pipeline Installation

Prepared by the Pipeline Division of the American Society of Civil Engineers

Edited by T. J. Hovland and Mohammad Najafi



Library of Congress Cataloging-in-Publication Data

Inspecting pipeline installation / prepared by the Pipeline Division of the American Society of Civil Engineers; edited by T.J. Hovland and Mohammad Najafi.

p. cm.—(ASCE manuals and reports on engineering practice; no. 117)

Includes bibliographical references and index.

ISBN 978-0-7844-1054-7 (alk. paper)

Pipelines—Design and construction.
Underground construction.
Hovland,
J. II. Najafi, Mohammad.
III. American Society of Civil Engineers. Pipeline Division.
TA660.P551544 2009
621.8'672—dc22

2009024838

Published by American Society of Civil Engineers 1801 Alexander Bell Drive Reston, Virginia 20191

www.pubs.asce.org

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16 15 14 13 12 11 10 09 1 2 3 4 5

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PREFACE

This manual describes successful construction methods and procedures for installing the common types of pipes used to transport waterlike fluids. Because this manual focuses on the needs of field personnel, constructors, and inspectors, it assumes the pipeline design is complete, decisions on alternatives are resolved, and the designer's concepts are now ready for conversion into a real project.

This manual has two main purposes: first, it provides an educational tool for readers with limited field experience, and second, it consolidates practical pipeline installation information into one volume.

Many recommendations are made about pipeline earthwork, and descriptions of the proper installation practices for ten different types of common pipes are provided, including steel, corrugated steel, ductile iron, prestressed concrete, reinforced concrete, bar-wrapped concrete, vitrified clay, polyvinyl chloride, high-density polyethylene, and fiberglassreinforced pipes. This page intentionally left blank

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