Code Clinic

For Study of

API 1104
Welding of Pipelines and Related Facilities –

Nineteenth Edition,
September 1999

REFERENCE MANUAL

American Welding Society
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International Standard Book Number: 0-87171-581-3

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550 N.W. LeJeune Road
Miami, Florida 33126

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Printed in the United States of America

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Bevel
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Records of Qualified Operators
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Module #12 - API STANDARD 1104

APPENDIX B – IN-SERVICE WELDING
AIMS and GENERAL INFORMATION

This AWS Code Clinic, published by the Education Department of the American Welding Society, is designed to guide and assist Quality professionals - Inspectors, Supervisors, etc. - as well as quality-conscious engineers and managers, in reading and understanding ‘codes’ in general. However, no book, guide, or text, can substitute for hands-on knowledge and experience. Working through the examples in the text and answering the questions at the end of each Module, is a vitally important part of this AWS Code Clinic.

This API 1104 Code Clinic study guide is comprised of an introductory module, conversion notes to go from the 18th edition to the 19th edition, eleven (11) modules. Each module covers a specific code section or the appendix.

A set of exercise questions is provided at the end of each module. Responding to the questions provides a valuable review of the module material.

Students are strongly advised to make their own notations on the applicable code figure, table or reference in their copy of API 1104.

It is vital the student's copy of the code is physically open to the page under consideration. Remembering excerpts from the code is neither necessary nor desirable. The aim of this Clinic is to become familiar with API Standard 1104. It is not the aim of this Clinic to encourage memorization of any part of the code.

The tables and figures should be carefully reviewed. Working with each of these tables and figures is beneficial and effective in developing skill in reading codes. The exercise questions following each module also illustrate the type of question likely to be encountered in practice. It is suggested that these questions should be answered at the conclusion of each module.

The suggested study program is as follows:

1. Review of Code Section(s) being considered;
2. Consider how the subject of the Module is or may be applicable in practice;
3. Answer the exercise questions.

Table 1.1 - Suggested Code Clinic Study Program

The American Welding Society appreciates feedback from participants in their education programs.

Please send comments, etc., to:
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or call the Education Department at:
1-800-443-9353