



Best Technology Solutions (BTS)

## **AWS CWI Certified Welding Inspector Exam Preparation (API 1104)** Training program

### **Who Should Attend?**

The Course is intended for inspection engineers who are seeking AWS CEI (CQ-1) certification. Other engineers, managers or technical staffs who are dealing with Welding Inspection will also benefit.

### **Required codes and Standards**

Listed below are the effective editions of the publications required for the current Welding Inspector Certification Examination. Each student must have these documents Available for use during the class.

- AWS A 2.4 – 93: Standard Symbols for Welding, Brazing And Non-destructive examinations
- AWS A 3.0 – 94: Standard Welding Terms And Definitions
- AWS B 1.10 – 86 : Guide for Nondestructive Inspection of Welds
- AWS B 1011 – 88: Guide for the visual inspection of welds
- AWS HOT : Hands on training text
- AWS WI – 80 : Welding Inspection
- AWS WIT – T 2nd Ed. : welding inspection technology workbook
- AWS Z 49.1 – 94 : Safety in Welding, Cutting and Allied Processes



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The above AWS materials may be purchased from AWS order Department (+1-800-334-9353) or any technical publications outlet. Because AWS is the supplier of the above items and offers a member discount there may be a substantial price difference.

- API 1104, 19th Ed.: Welding Pipelines and Related Facilities

The above materials may be purchased from Global Engineering Documents at +1-303-792-2181 or any technical publication outlet.

## Course Objectives:

**By the end of this course delegates will learn about:**

This course is designed by BTS (ITAC) Prepare Welding Inspector for the American Welding Society (AWS) Examination, in order to certify Them As **“AWS CERTIFIED WELDING INSPECTOR”**. This Course is Which Jointly constitutes this Certificated Welding Inspector Exam Preparation course:-

- **API 1104 Preparation Course**

This Course is designed as a preparation for the AWS CWI (QC- 1) Part C Code Book Exam. The Participant will learn how to use the code book to solve inspection problems.

- **Fundamental Welding Inspection Preparation Course :**

This Course Is designed as a preparation for the AWS CWI (QC- 1) Exam, Part A, and Fundamental welding Inspection Exam. The participant will learn how to take the exam and the basics fundamentals of welding inspection. Information For Inspector training is emphasize in this dual goal course.



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- **Practical Welding Inspection Preparation Course:**

This Course is designed as a preparation for the AWS CWI (QC-1) Exam, part B, practical welding inspection (hands-on) Exam. This Course is a must for the nine year renewal CWI. The participant will learn how to use the tools required for the exam, as well as the AWS Specification Book.

The participant will receive in-depth instruction pertaining to pass the AWS CWI (QC-1) Exam, as well as insight into the intricacies students may expect to encounter in the working environment. This course is offered as both in-house and an open enrollment class. Topics include:-

Additionally, quizzes are given at the end of each section; homework is handed at the end of each class day, and is reviewed at the beginning of the following day and a "practice" exam is administered at the end of the course.