



An ISO 9001 - 2008
Organization



TWG GROUP

THE WORD OF GOD

INTERNATIONAL STANDARD

ISO/IEC-17025:2005 NABL ACCREDITED FOR NDT

(Dept. of Science and Technology, Government of India)



Accreditation Certificate No: T - 2387
Metal Lab



सत्यमेव जयते
Government of India

AWS

CONTENTS

FUNDAMENTALS

(Part - A)

1. Welding Inspection and Certification
2. Safe practices for welding Inspectors
3. Metal joining and cutting processes
4. Weld joint geometry and welding Symbols
5. Documents governing Welding Inspection and Qualification
6. Metal properties and destructive testing
7. Metric practice for welding Inspection
8. Welding metallurgy for the welding Inspector
9. Weld and base metal Discontinuities
10. Visual inspection and other NDT methods

PRACTICAL

(Part - B)

1. Welding Procedure Qualification Record (PQR)
2. Welding Procedure Specification (WPS)
3. Welder Qualification Test (WQT)
4. Mechanical Tests and Properties
5. Welding Inspection and Flaws
6. Non-Destructive Testing

OPEN CODE BOOK

(Part - C)

1. API 1104, Welding of Pipelines and Related Facilities

EXAMINATION DETAILS

- CWI** : Completion of Parts A, B, and C with a minimum score of 72 % in each part.
- Part A** : Fundamentals.
2hrs/ 150-question/ closed-book test
- Part B** : Practical Applications.
2hrs/ 46-question/ Test specimen open-book test
- Part C** : Open-Book Code Application.
2hrs/ 46-question/ API 1104 open-book test

REGISTRATION PROCESS:

Registration has to be done preferably 4 weeks prior to the commencement of the seminar.

LIST OF DOCUMENTS

1. Copy of education certificate
2. Copy of ID proof
3. Work experience certificate
4. Attested of employment certification in CWI form
5. Photo (busted) with white background of 2" X 2"
6. Attested of Notary public in CWI form
7. Visual Acuity Record (Eye test)

CHENNAI

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BANGALORE

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VIZAG

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