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)

NABL
Accreditation Certificate No: T - 2387
Metal Lab

सत्यमेव जयते
Government of India

CSWIP 3.1 - WELDING INSPECTOR

CONTENTS

1. Typical Duties of Welding Inspectors
2. Terms and Definitions
3. Welding Imperfections and Material Inspection
4. Destructive Testing
5. Non-Destructive Testing
6. WPS/Welder Qualifications
7. Materials Inspection
8. Codes and Standards
9. Welding Symbols
10. Introduction to Welding Processes
11. Manual Metal Arc/Shielded Metal Arc Welding (MMA/SMAW)
12. TIG Welding
13. MIG/MAG Welding
14. Submerged Arc Welding
15. Thermal Cutting Processes
16. Welding Consumables
17. Weldability of Steels
18. Weld Repairs
19. Residual Stresses and Distortions
20. Heat Treatment
21. ARC Welding Safety
22. Calibration
23. Application and Control of Preheat
24. Gauges

Examination Contents (Multiple Choice Questions)

70 % is Required Each Section
30 General Question - 45 Minutes
60 Technology Questions - 90 Mintues
20 Macroscopic Questions - 45 Mintues
20 Plate Butt Questions - 75 Mintues
20 Pipe Butt Questions - 105 Mintues

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TRIVANDRUM | CALICUT |HYDERABAD | PONDICHERRY |MADURAI |NAGARCOIL |AMARAVATI