

# OIL & GAS PLANT ENGINEERING

GET 100% PLACEMENT ASSURANCE IN CORE FIELDS

**ON SHORE | OFF SHORE | INDUSTRIAL PIPING | QUALITY  
ENGINEERING | NDT ENGINEERING | INTERNATIONAL CERT.**





# PIPING ENGINEERING

- INTRODUCTION TO OIL & GAS
- DRILLING
- PROCESS EQUIPMENTS
- PIPE COMPONENTS
- PIPING TERMINOLOGY
- P&ID SYMBOLS AND ABBREVIATIONS
- CUT LENGTH CALCULATIONS
- OIL REFINING PROCESS
- VALVES
- CODES AND STANDARDS
- METRIC & IMPERIAL SYSTEM
- PIPING PLAN, CO-ORDINATES AND ELEVATION
- BILL OF MATERIAL
- SCAFFOLDING



ASTM INTERNATIONAL



# QUALITY ENGINEERING

- TERMS AND DEFINITIONS
- WELDING POSITIONS, SYMBOLS
- FACTORS AFFECTING WELDING PROCESS
- DEFECTOLOGY
- WELDING PROCESS AND ITS PARAMETERS
- TYPES OF WELDING MACHINES IN DETAIL
- WELD METALLURGY
- WELDABILITY OF STEELS
- DESTRUCTIVE TESTING
- HEAT TREATMENTS
- STRESS AND DISTORTION
- DOCUMENTATION
- QUALITY IN WELDING INSPECTION



**American Welding Society**

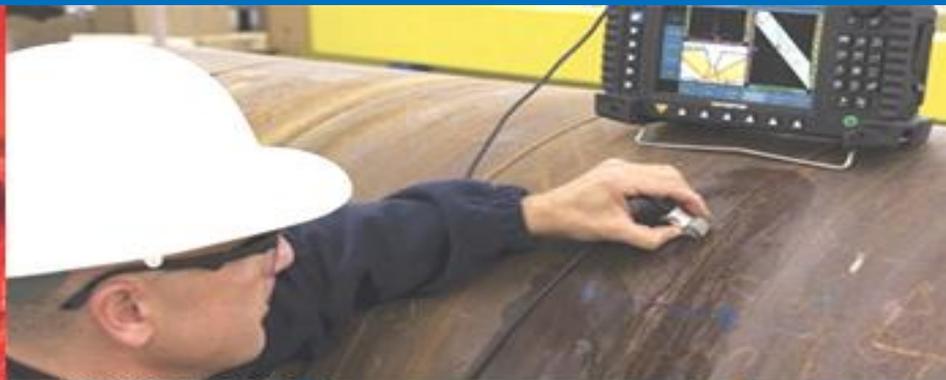
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ACCREDITATION"**

**PRIME ACCREDITATION  
CERTIFICATE**

# NON DESTRUCTIVE TESTING

## ( ASNT LEVEL 1 & 2 )

- LIQUID PENETRANT TESTING
- MAGNETIC PARTICLE TESTING
- RADIOGRAPHIC TESTING / RADIOGRAPHIC FILM INSPECTION OR INTERPRETATION
- ULTRASONIC TESTING
- VISUAL TESTING.



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**CERTIFICATE VERIFICATION QR - CODE**

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