**Radiographic Film Interpretation**

**Course Objectives:**

* Introduction, Basic Principles of Radiography.
* Geometric Exposure Principles, Radiographic Screens, Radiographic Cassettes.
* Radiographs, H&D Curve, Film Speed and Class.
* Selection of Film, Radiographic Image Quality.
* Exposure Techniques, Darkroom Facilities, Techniques and Processing.
* Indications, Discontinuities and Defects.
* Manufacturing Processes and Associated Discontinuities.
* Radiographic Viewing, Application Technique.
* Evaluation of Weldments.
* Interpreting results based on ASTM / ASME standards and specifications.
* Interpret the Company Procedure to perform acceptance/rejection.

**Course Outlines:**

* Evaluation & Interpretation of many numbers of films.
* Reviews & Discussions.
* Mock Up Tests, Home Works, and Examinations.
* Test will be conducted in 3 methods:

1. General 2. Specific 3. Practical

* The candidate successfully completes the course if he gets a minimum score of 70% in each test (General, Specific and Practical) & a minimum of 80% for the average of 3 tests.

**Radiographic Film Interpretation**

**Who Should Attend?**

* Should be High School graduate of science branch (minimum recommended level of education).
* Should have a minimum experience of 220 hours in method and practical review of minimum 1000 radiographs.
* Certificates: Near Vision acuity (Jaeger Number 2 or Ortho-Rater 8), and Color Contrast Differentiation has to be submitted at the time of registration.

**Duration:** 5 Days

**For more information:**

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