**Eddy Current Testing Level I**

**Course Objectives:**

* Get familiarize with the basic Principles of Tube Inspection Method.
* Get familiarize with the scope & limitations of each methods.
* Setup & calibrate equipment, MS 5800.
* Write / Generate test Reports.

**Course Outlines:**

* Hands-On Practical on large number of diversely flawed tubes. Mock up heat Exchangers with artificial flaws incorporated on different tube material & dimensions.
* Review & 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.

**Who Should Attend?**

* Should be High School graduate of science branch (minimum recommended level of education).
* Should have a minimum experience of 210hours in method & 400hours in NDT.
* 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:**

Industrial Relations- Special Programs Unit:

Tel.: +966 (013) 340-2011 / (013) 340-2140

Fax : +966 (013) 340-2060

Email: specialprograms@jic.edu.sa