

RADIOGRAPHIC INTERPRETATION (RI) LEVEL II (CODE: 203)

COURSE DESCRIPTION

Radiographic Interpretation course provides the knowledge required to understand the method, operate the Gamma Ray and X-ray equipment. Our course structure is compiled based on the guidelines established in PCN/GEN Appendix C2. Detailed class-work and proven “hands-on” exercises gives the student a thorough understanding of the theories and concepts.

BRIEF TOPICS

- RT theory and its applications
- Advantages and limitations of RT
- Codes /standards requirements as per ASTM, ASME, API, AWS & BS etc.
- Familiarization of equipment
- Exposure techniques and exposure calculations
- Selection of IQI and geometric requirements.
- Film Processing and dark room practices
- Radiation safety

COURSE DURATION

- 56 hours of training Examination (Theory, Specific and Practical)
- 40% class-room training with power point presentation, lecture and Q&A. 60% hands-on practical on A-Star engineered weld flaw samples.

WHO SHOULD ATTEND

Engineers, inspectors and technicians aspiring to acquire the proficiency and knowledge in radiographic testing. This course provides access to employer based qualification and certification.

CERTIFICATION

NDT RI level II certificate will be provided leading to a higher level of competence on successful completion of General, Specific and Practical examinations with an aggregate of 80%.

COURSE SCHEDULE AND FEE STRUCTURE

<http://www.astar-training.com/wp-content/uploads/2016/12/COURSE-SCHEDULE-SINGAPORE-2017-2-1.pdf>