Quality Control and Audit department requires repeatable NDT Inspection of components in a production environment that meets the acceptance standard. NDT Radiographic set-up can be qualified with the use of CIT’s CR Test Phantom. The system performance can be measured in accordance to international standards ASTM 2445 / EN 14784. Further, quality and calibration over the long term life cycle of the radiographic inspection system can be compared.

### Application Areas

- Digital Qualification of Digital radiography System
- Measurement of radiographic total un-sharpness
- Monitor and analyze the long term stability of the inspection system
- Quality assurance and verification of the NDT Inspection system

“CR Phantom is a test piece that incorporates industry-wide accepted quality indicator gauges in a single instrument”. It is available in two sizes 8” x 10” (203 x 254mm) and 14” x 17” (356 x 432mm). Test piece is used for higher energies with use of filter plates (Copper, Aluminium and stainless steel). It is capable of carrying out multiple measurements in only 1-3 radiographic exposures.

### Contact CIT for further details:

Email: info@cituk.com
Website: www.cituk.com

### End Users

- Various NDT Inspection Test houses
- Aerospace, Manufacturing and Operational maintenance
- Petrochemical Refineries, Power Plants, Nuclear Power Plants
- Composite Material Manufacturers
- Offshore and Onshore Oil and Gas Pipeline and Pipework Industries
- Ship buildings and Rail Transportation
- Electronics Industries