

Project case review

Inspection Consultancy Ltd (UK)

Inspection Consultancy Ltd (ICL) provides NDT and inspection solutions to the oil & gas, power generation, petrochemical and rail sectors.

ICL's expertise covers NDT technology solutions, applied techniques and procedures, project management and business development.

Filmfree and ICL

Although the smallest SME in the programme, ICL played a significant role in the design and development of Filmfree. In-depth industrial knowledge of film radiography and digital radiographic testing (RT) provided ICL with the expertise to bring value to the proposal writing and project management aspects, as well as its contribution in the design of a simulated pipe and weld samples.

Additionally, ICL is involved in the definition of the Radiographic Centre of Excellence.

Project benefits

In ICL's opinion, Filmfree has demonstrated that digital radiographic techniques can achieve equivalent, or better, sensitivity than current film RT for the inspection of welds and castings.

The programme has also provided a solution for measuring the quality of digital images produced. For example, the Phantom Plate Image Quality Indicator was designed in the first year of the programme and has since been brought to market.

Tony McNulty, Director of ICL, is delighted to have been so involved in the project. He commented that the project had allowed ICL to consolidate its position in the radiography consultancy market and develop new business relationships.

ICL has secured 15,000€ of sales, with an additional 25,000€ expected as a result of their participation in the programme.



Typical structure inspected



Double wall pipe sample simulator