

With Technical Authorities covering cranes and lifting equipment, pressure vessels, structures, asset integrity and knowledge management, Imes offers a comprehensive resource pool from technicians through to Chartered Engineers, to deliver competent and cost efficient solutions.

nuclear

IMES' GLOBAL NETWORK



Imes Group

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UK

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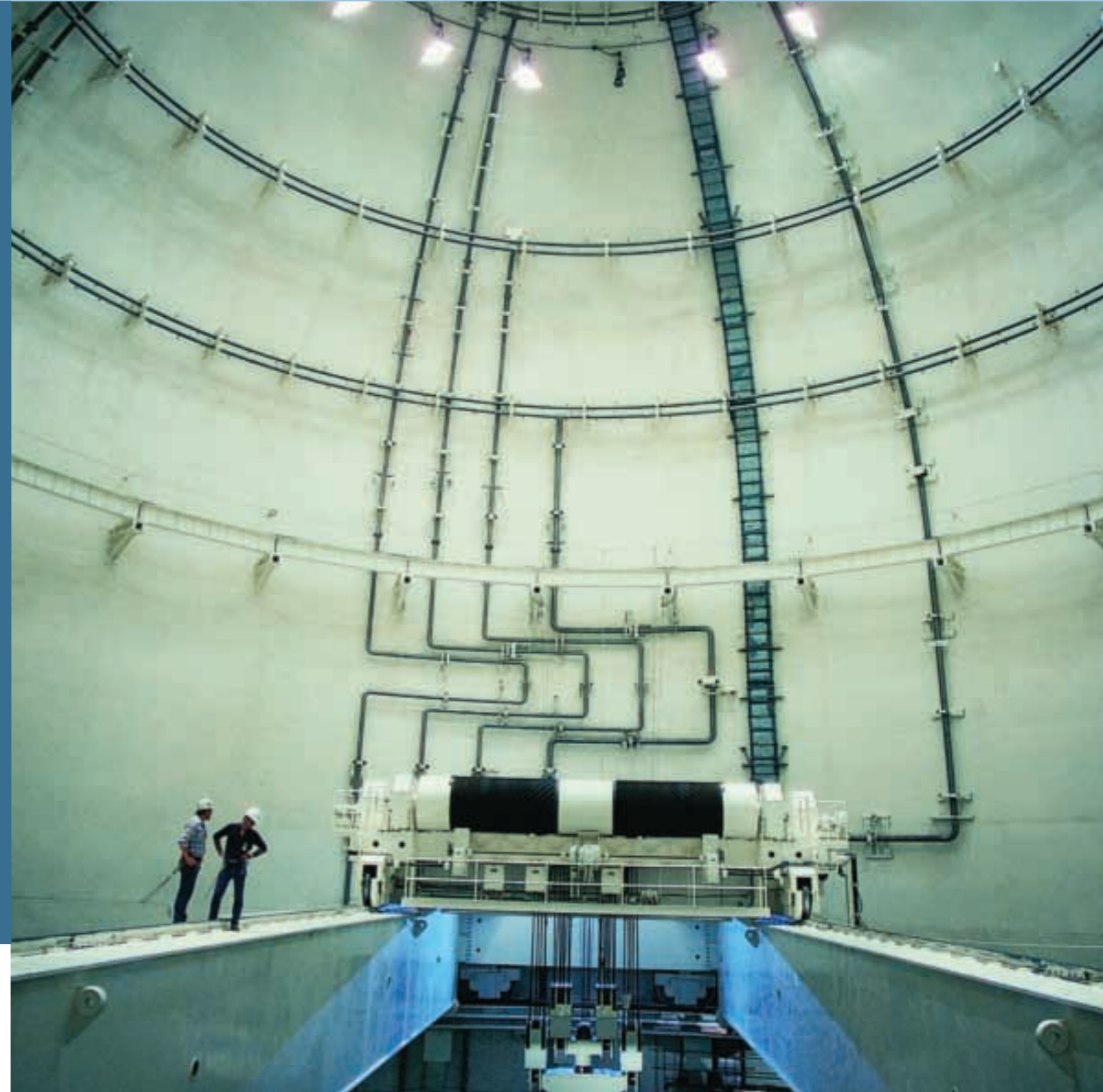
Bristol: Tel 01454 202288 Sheffield: Tel 0114 2914408

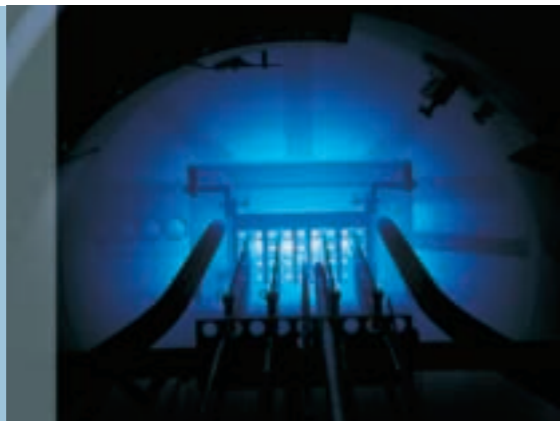
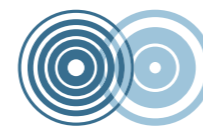
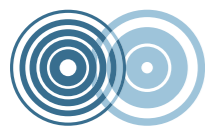
USA

Los Angeles: Tel 001 909 626 8316 Boston: Tel 001 781 659 6897

Australia

Perth: Tel 00 61 8 9361 0256





Imes has over 20 years experience working for the nuclear industry and specialises in providing clients with fully integrated systems, packages and services.



Imes has a reputation for bringing effective cross-industry experience to nuclear projects. Imes core capability is the provision of Specialist Technical Services and Systems Engineering.

Imes enables knowledge-based decisions which both assure and enhance client asset integrity and capability for organisations including:

- Alstom
- AMEC-NNC
- AWE Aldermaston
- BNG
- British Energy
- Cunnington & Cooper
- DML
- Halcrow Yolles
- Laing O'Rourke
- Strachan & Henshaw
- Taywood Engineering
- UKAEA

Imes delivers a range of mechanical handling and lifting equipment integrity products and services to the worldwide nuclear industry to ensure regulatory compliance and enhance through-life management of assets.

Imes' engineers are experienced in delivering independent technical advice to clients with responsibility for the integrity of new or existing assets. Services include development of certification management programmes, design studies, knowledge management systems and an extensive range of technical inspection services.

WHAT WE DELIVER

TECHNICAL ADVISORY SERVICES

Imes' team of experienced nuclear industry engineers provide specialist services including:

- specialist analysis, design and specification of high integrity mechanical handling equipment
- seismic structural analysis, design and specification
- design review, verification and validation
- accident investigation
- FMEA and FMECA
- HAZID, HAZAN and HAZOP
- design substantiation
- safety case support
- support to regulatory bodies
- feasibility studies
- inspection and assessment of existing facilities
- through-life management and life extension studies and implementation
- reverse engineering

MANAGED SERVICES

Imes supplies a range of asset integrity management services to support operators, contractors and design houses to optimise through-life equipment capability. Services include:

- development of strategies and management systems
- development and implementation of written schemes of examination
- supply of condition monitoring services
- data management systems
- lifting equipment certification management systems
- equipment test and calibration

SYSTEMS ENGINEERING

Imes designs and installs a range of high accuracy monitoring systems to nuclear facilities operators. From development of novel sensor technologies through to custom software applications, Imes can deliver solutions for:

- custom load sensors and instrumentation
- data acquisition and preparation
- PC/PLC programming
- load and stress measurement
- fatigue measurement and analysis
- angle and distance measurement
- pressure and temperature measurement
- analogue, serial, telemetry and acoustic communications
- intrinsically safe system design

TRAINING

Imes designs, develops and delivers a range of accredited training and mentoring programmes to enhance the competencies of technical and management personnel. Imes can deliver training solutions from short-term individual modules through to industry-recognised qualifications. Typical training includes:

- customer training programmes
- competency assessment
- regulation and compliance (eg LOLER/PUWER)