

NDT

NON-DESTRUCTIVE TESTING



IRCLASS NDT Division provides comprehensive range of conventional and advanced NDT services. In addition to conventional NDT facilities, IRCLASS has advanced facilities such as ECT, IRIS, RFET, MFL, RVI, PAUT & TOFD and also provides NDT training courses to the industry. IRCLASS NDT professionals are well experienced and ASNT Level III/II certified.

EDDY CURRENT TESTING (ECT)

Suitable for defect detection in heat exchanger tubes and components testing (thickness measurement, coating thickness, conductivity measurement, material sorting, etc.) of ferromagnetic & non-ferromagnetic materials.

Make: Eddyfi & ECT Inc.

Model: Ectane 2 & Reddy, ect 48



INTERNAL ROTATING INSPECTION SYSTEM (IRIS)

Suitable for accurate wall thickness measurement of tubes in boilers and heat exchangers.

Make: Eddyfi

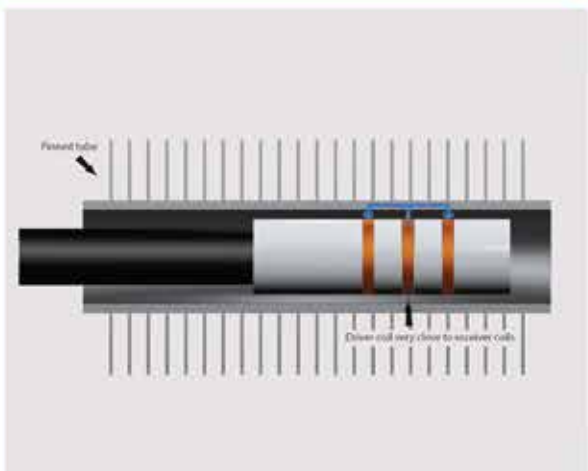
Model: Ectane 2

REMOTE FIELD ELECTROMAGNETIC TESTING (RFET) / NEAR FIELD TESTING (NFT) / MAGNETIC FLUX LEAKAGE (MFL)

Suitable for detection of flaw, corrosion and erosion of ferromagnetic pipes/tubes of boilers and heat exchangers.

Make: Eddyfi & ECT Inc.

Model: Ectane 2 & ect 48



“IRCLASS” is a brand associated with Testing, Inspection, Design Review, Safety, Certification and Ship Surveys for the last 40 years. Our Quality Management Systems are certified to ISO 9001, Inspection Services are accredited to ISO 17020 “Type-A” and Testing Services are accredited to ISO 17025.



REMOTE VISUAL INSPECTION (RVI)

Suitable for visual inspection of inaccessible areas of boilers and heat exchanger tubes

Make: Olympus

Model: IPLEX-RT-Video scope

PHASED ARRAY ULTRASONIC TESTING (PAUT) & TIME OF FLIGHT DIFFRACTION (TOFD)

Suitable for flaw detection in raw materials, weld joints and corrosion inspection in several industries such as Oil & Gas, Power & Process and Heavy Engineering.

Make: Olympus

Model: Omniscan MX2



NDT TRAINING COURSES

Training : We conduct Open House and In-House ASNT Level I&II and ISO 9712 Level I&II certificate courses

Ultrasonic Testing : UT/PAUT/TOFD

Eddy Current Testing :
ECT/RFET/NFT/MFL/IRIS

Magnetic Particle Testing

Dye Penetrant Testing



SOME OF OUR ESTEEMED CLIENTELE

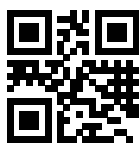
- Oil & Natural Gas Corporation
- Indian Oil Corporation Ltd
- British Gas Exploration & Production India Ltd
- Rastriya Chemicals & Fertilizers
- Sterlite Power Grid Ventures Ltd
- Jawaharlal Nehru Port Trust
- Mumbai Port Trust
- New Mangalore Port Trust
- Finolex Limited
- Hindustan Petroleum Corporation Ltd
- L&T Hydrocarbon & Engineering Ltd
- Gujarat Chemical Port Terminal Company
- Chennai Port Trust
- Zuari Agro Limited
- Vedanta Alumina Limited
- Petronet LNG Ltd
- Afcons Ltd (Oil & Gas Division).
- Cochin Port Trust

HEAD OFFICE

IRCLASS Systems and Solutions Pvt Ltd.
52A, Adi Shankaracharya Marg,
Opp. Powai Lake, Powai, Mumbai-400 072
Tel: +91 22 3051 9400, 7119 9400
Email - Industrial_services@irclass.org
Website: www.irclass.org

NDT DIVISION

Mahesh S Karande
Mob- +91 9920030204
Direct line- +91 22 7119 9753
Email - ndt@irclass.org
mahesh.karande@irclass.org



 www.linkedin.com/company/63772

 [@irclass](https://twitter.com/irclass)