

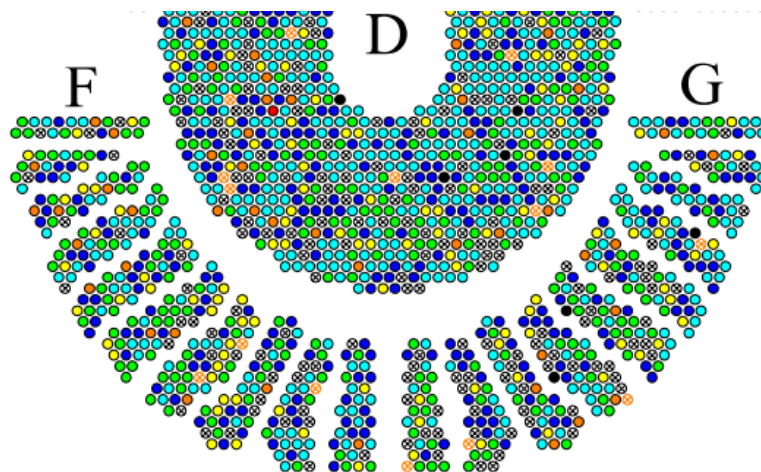
# Heat Exchangers & Condensers

We provide a range of tube inspection services, including specialised techniques and proprietary technology.

Our tube division is comprised of experienced teams that are used to working on all types of heat exchangers, condensers & boilers both on and offshore, all over the world.

## Benefits

- Inspect a variety of wide variety of tube materials and sizes
- Specialised ultrasonic / LFET boiler surveys (from the O.D)
- IRIS inspection for high resolution analysis of ferromagnetic tubes
- Eddy Current Inspection (ECT) for non-ferromagnetic tubes
- High Speed Eddy Current for Rapid Condenser Inspection
- Standard Eddy Current for Smaller Tube Bundles
- Additional Techniques such as Remote Field, Mag Bias etc. also available
- In House Manufacturing of equipment & probes for high availability, and variety of probe sizes
- Inspect tubes 12mm O.D and greater
- Video Borescope available for Visual Inspection
- Detailed Reporting, including tube sheet maps, waveforms etc.















Legend (% Wall Loss)			
 < 20 (2244 Tubes, 40%)	 40-49 (503 Tubes, 9%)	 70-79 (5 Tubes, 0%)	 Plug (408 Tubes, 7%)
 20-29 (1240 Tubes, 22%)	 50-59 (182 Tubes, 3%)	 80-100 (2 Tubes, 0%)	 Inaccessible (0 Tubes, 0%)
 30-39 (967 Tubes, 17%)	 60-69 (40 Tubes, 1%)	 NTP (60 Tubes, 1%)	 Not Tested (0 Tubes, 0%)

Figure 3: Sample of a Tube Sheet Map