Heat Transfer Rig

• Interactive training rig to explore heat transfer of pipework systems and the effectiveness of different coatings and insulation materials.

• Step by step interactive guide on thermal expansion and heat loss of Tata Steel’s Install® Plus 235 hot-finished tubes, able to operate +60°C.

• Embedded sensors attached to record conduction, convection and radiation data.

• Heat transfer coefficient and heat flux measurements for different installations can be determined.

• To be used to identify issues associated with applying insulation materials to pipework runs and joints, as well as developing design tools for designers.