

Track Record

Below is a selection of projects that showcases our capability and experience in the provision of full turnkey heat transfer solutions.

Heat Transfer Solutions



CLIENT	REGION	WORKSCOPE
Engineering Services Company	UK Onshore	Provision of turnkey services during shutdown including inspection, machining and exchanger engineering & maintenance
Bitumen Refinery	UK Onshore	Full cleaning & inspection of 3 bundles during a shutdown to check for tube fatigue. Full retubing service was then carried out
Petrochemical Company	UK Onshore	Overhaul of an inefficient heat exchanger, which was stripped, tested and plugged. The flange facing was restored before being reassembled and tested again
Operator	UK Onshore	Remanufacture of a shell & tube heat exchanger in accordance with the Pressure Equipment Directive (PED) 2014/68/EU module G in harmony with design codes
Refinery	UK Onshore	Complete overhaul of a 12 x 50ft heat exchanger. Glacier re-tubed complete units, replacing tubes, baffles, tie rods and spacers and machined all gasket faces
Petrochemical Plant	UK Onshore	For suspected leaking tubes in a condenser, Glacier provided tube bore inspection and flange weld repair service, including machining and weld overlay, tube plugging and re-assembly & service test on site
Chemical Manufacturer	UK Onshore	Glacier provided a fast-turnaround machining solution, manufacturing a new gasket in 2 days to stop joints leaking on an evaporator system

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CLIENT	REGION	WORKSCOPE
Operator	North Sea	Remanufacture of a feed effluent shell & tube heat exchanger in accordance with the Pressure Equipment Directive (PED) 2014/68/EU module G in harmony with design codes
Operator	North Sea	Due to corrosion, a seawater heater had a tube failure and required an urgent repair. The unit was stripped down with the tubes removed. Thicker walls were installed, and the strength of the welds upgraded to give superior mechanical strength
International Oil Company	North Sea	HP injection motor coolers were having ongoing failures due to tube plate erosion. After careful analysis, the original coolers were re-manufactured using upgraded titanium tubes, tubeplates and end covers. The tube ends were expanded and but welded for added strength
Drilling Rig Operator	North Sea	Three large engine radiators required surveyed and replaced within a strict timeframe. Engineers stripped out the old units, built and fitted replacement radiators and carried out pressure tests on site. The cooler life was extended by 3-5 years
International Oil Company	North Sea	Refurbishment of a gas cooler and provision of a finite element analysis (FEA). Integrated services included heat exchanger design & refurbishment, weld overlay and onsite machining