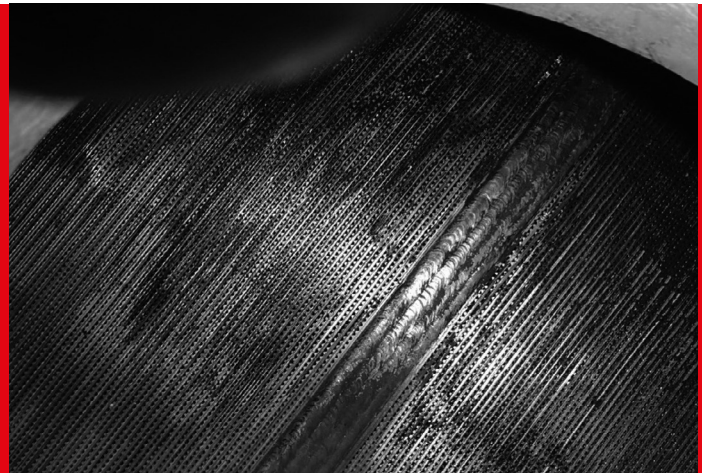
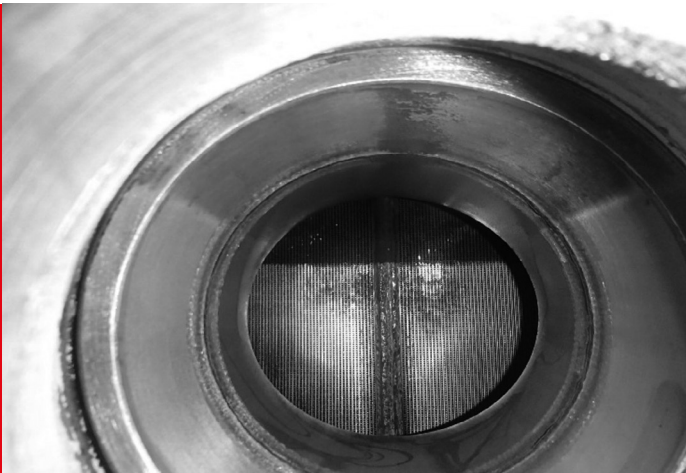




North Sea Platform - Chemical Descale of a PCHE Exchanger



Client	North Sea Platform
Project	Chemical Descale of a PCHE Exchanger
Location	North Sea
Size of Contract	Compact project

ALTRAD SERVICES' SOLUTION

Altrad Environmental Services produced method statements for each stage which were accepted by the client and then mobilized equipment to the platform. With full assistance of the operations the PCHE was isolated and ready for our equipment to be connected. This went very well on time and the platform was able to produce again. This clean was assisted greatly by the ability to reverse velocity flush and the ability to monitor the pressure drop. A manufactures full flow pressure drop of 0.6 Bar was achieved giving the platform full cooling capacity on start up.

THE CUSTOMER

A platform out in the north sea was experiencing production problems. It was noted that a gas cooling PCHE was showing a high pressure drop on the cooling side of nearly 3 Bar. This was indicated in the control room instruments and had built up over a period of time. An analysis of the debris was produced and Altrad Services reacted to this.

THE CHALLENGE

The task set, was to remove the iron debris by using two CEFAS approved chemicals. To remove this fouling a decision was made to isolate the unit and chemically clean the cooling side of the chosen unit. Following emergency meetings we produced a workpack with a schematic drawing of our equipment hoses, connections with a realistic written time schedule.



Typical PCHE Exchanger on temporary trestles for cleaning

ABOUT ALTRAD SERVICES

Altrad Services is an international leader in the provision of critical industrial services principally to the energy and natural resources sectors.

Our multi-disciplinary service offering includes access systems, insulation, specialist coatings, passive fire protection, refractory linings, environmental services, oil and gas storage tanks and heat exchanger replacement and refurbishment.