ROLAND HILL

PROJECT PROFILE

BOILER SYSTEM FOR AN EDUCATIONAL ESTABLISHMENT.

The old boilers at this educational establishment had previously become unreliable. They were costing an increasing amount of money to maintain and were causing day to day problems in the establishment, due to breakdowns and unplanned outages. This was leading to difficulties with the working environment within the buildings.

The solution was to replace all the existing boilers, pumps etc in the plant room with new units. This meant working to very tight timescales as all the work had to be completed during the longer academic holiday periods.

All the new pipe work to the existing distribution system was insulated to increase the efficiency of the system and conserve as much energy as possible. To aid future maintenance every circulation pump was fitted with an isolating valve on both inlet and delivery sides of the pump. This coupled with local isolation of the motors allows for rapid change over of pumps as required.

All pumping circuits had a running and standby pump. If a pump fails the standby unit starts automatically so there is no interruption of heat to the building. On pump failure an alarm is raised to alert the maintenance team to the problem.

Roland Hill Ltd, Brayton Domain, Aspatria, Wigton, Cumbria, CA7 2BD.
www.rolandhills.co.uk
Tel: 016973 20483 Fax: 016973 22036 Email: office@rolandhills.co.uk