

# Hydrex reduces steam costs for Tamoin, UK

## Industrial | Case Study

### The Client

For more than half a century, Tamoin has been developing capabilities in engineering services including operation, overhaul and maintenance of industrial plant. Established in 1956 in Spain, the company is now active across Europe and Central and South America.

Tamoin is involved in most industrial areas including chemicals, petrochemicals, natural gas and power generation. At Cargenbridge Dumfries, Tamoin UK manages, on behalf of Scottish Power, a boiler facility that supplies steam to the adjacent DuPont Teijin Films factory.



### Key Figures

- Servicing of water treatment plant
- Supply of boiler water conditioning chemicals
- Regular monitoring and optimisation of chemical dosing

### The Client's Needs

The Cargenbridge facility has four 17bar shell boilers supplying an average 14 tonnes per hour of steam, 50% of which is returned as condensate. The make-up water is treated by softening and reverse osmosis and the feed water is then conditioned with chemicals.

The treatment plant was supplied and serviced by Veolia Water Technologies but chemicals were supplied and monitored by another supplier. Site Manager, Malcolm Coupe, wanted to consolidate servicing into a single contract to integrate service provision and reduce administration.

### The Solution

Veolia Water Technologies offered a complete bespoke package covering the filter, softener, reverse osmosis plant and the supply of chemicals from their Hydrex range.



In addition to service support for all equipment and chemicals, this package also includes the support of a Hydrex service technician to provide weekly visits to monitor and control boiler water conditions in accordance with BS2486, boiler log book maintenance, operator training and technical support and attendance at boiler inspections.

Malcolm chose a three year service contract and is pleased with the consistent results from the new servicing regime. By having a stronger presence on site, Veolia Water Technologies is able to maximise efficiencies and fine tune chemical usage, providing cost savings of 30%.

### The Benefits

- Single point of contact for all servicing needs
- Boiler treatment costs reduced by 30%
- Reduced chemical consumption
- Consistent results