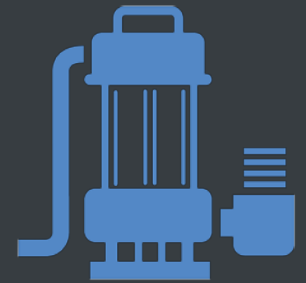


CASE STUDY – PUMPS & CONTROLS



Golf club links with Gibbons for irrigation system improvement

When an Essex golf club wanted to upgrade its irrigation pump set system during the summer heatwave, the Head Greenkeeper and Board of Directors turned to water transfer expert Gibbons Engineering Group to deliver the project.

With 125 years of history, Chelmsford Golf Club is one of the most prestigious clubs in the county, so it was imperative that disruption for members was minimised during the works.

In addition, with the project taking place amid the joint-hottest summer recorded, irrigation demand for the greens was higher than normal. Therefore, the window for a break in pump service was tight and Gibbons had to co-ordinate the works with its usual precision.

Following a site visit to ascertain the scope of the project, it was decided that all three pump sets should be replaced. Two of the sets were beyond repair, while the third was obsolete and had reached a point where its maintenance requirement meant it was no longer cost effective to run.

Having recommended a fully-automatic Lowara pump set and tank system, Gibbons dispatched a plumbing engineer to site to carry out measurements and prepare materials and the work area. The old pump set was then isolated, drained and removed.

The next stage saw our electrical engineer install the new Lowara pump set along with control panel, pipework, fittings and wiring. Each pump was fitted with a Hydrovar variable-speed drive for accurate pressure control before commissioning.

Golf Course Manager Andrew Pledger was very pleased with the results: “Upgrading our pump set not only gave us the reliability we required but the increased flow rate meant that we were able to reduce our irrigation timescales. Therefore we were able to apply the water the grass required during the night time when the course was empty, so there was no inconvenience to the members.”

