



Latest News

Farewell Station Works



Station works taken during demolition from Station Road

The old Fyfe Wilson works based in Station Road in Bishop's Stortford has been demolished to make way for an expansion to the ALDI store on London Road. Fyfe Wilson occupied these premises from 1922 until 2003 when we moved to Raynham Road. The original building was a malting that is believed to have been built towards the end of the 1840s and possibly occupied by Joshua Miller & Son. The building was close to the river Stort navigation and the railway line. The original maltster's house was used for the Managing Director, sales administration and accounts offices with the main malting used for the mechanical engineering workshops. The store next to the maltster's house was converted into a panel shop and the kiln was converted to the welding shop.



Station works taken before demolition from Station Road

Whilst at station works, Fyfe Wilson carried out many activities including making generating sets. This included one for the Royal Train for the then Princess Elizabeth. The production of generators ceased as the work was replaced by the manufacture of electromagnets for television transmission towers that were becoming more widespread, especially in the US market. Also the development of radar utilized electromagnets that Fyfe Wilson produced for both fixed and mobile sets. Another activity was to refurbish railway wheels that were used on locomotives at local aggregate and asphalt plants. During the 1980's the panel shop was used to build control panels and equipment that our electricians installed across East Anglia to control the level of rivers by automating the sluice gates.



Station works taken during demolition from ALDI car park

After Fyfe Wilson vacated the property in 2003, the site changed hands several times and planning applications made, but was left derelict until this year. It was apparently a breeding ground for pigeons to rest after taking their fill of grain from the local flour mill.

What can we do for you?

- Electric motor supply, rewinds and repair
- Pump supply, repair and maintenance
- Fan supply, repair and maintenance
- Electromagnet design, manufacture and repair
- Industrial power drives and inverters
- Electrical installation, wiring and lighting
- Electrical testing
- Control panel design and manufacture
- Waste, water and sewage systems service, installation and repair
- Gearbox supply and repair
- Generator supply, servicing and repair
- Transmission systems
- Fan, impellor and rotor balancing
- Condition monitoring
- Fabrication and welding
- Turning and Machining, CNC and manual
- Sheet metal work
- General engineering consumables and supply
- On site labour

Other News

Pumping Station Refresh



New Control panel and enclosure

We have recently completed the first three control panels to be installed on pumping stations. Two have been installed and the final one is awaiting civil works to be com-

pleted. The control panel features digital telemetry signal output and flip flop relay to keep the pumps running when necessary. A generator change over switch and input plug allows the pumping station to be connected quickly to a generator in the event of a mains failure. The installation also includes a high level beacon and audible alarm as well as a light and twin sockets contained within the GRP enclosure.



The generator socket on the side.

Making life easier



The new pump with flange adaptor plate.

We recently received a pump for repair that was obsolete and parts were no longer available. It would have cost more to repair the pump than to buy a new one. Unfortunately the new pump had a

different output flange size to the original. To avoid the end user having to modify a significant amount of pipe-work and the associated cost, we had the idea to design and manufacture an adapter plate to fit on the outlet flange and allow the pump to be installed without modifications.



The Flange adapter

Large Gearbox Repair



The gearbox as received

We recently received a rather large motor and gearbox which was in a very poor state. Luckily the gears were in tact so



Gearbox cleaned

burnt out and was re-wound. The motor end-shields were worn so required a bore and bush. The shafts were also worn and were sleeved. All the bearings and seals were changed including 6230 bearings

which are the largest we have used so far this year. The unit was then tested and painted before being returned to the customer.

we could give the item a complete overhaul. The coupling was seized on the shaft and after attempting hydraulic pullers along with heat, the only option was to burn the coupling off the shaft while ensuring the shaft was not damaged. The motor was



Burnt coupling



Finished Gearbox

Customer Satisfaction

Last month, Fyfe Wilson received a key cutting machine for a bearing change. Unfortunately on assembling the unit, the gears got damaged. After attempting to recover the gears, the unit was still noisy. Due to the fact that the fault was ours, we attempted to buy new gears for the unit but spares were not available. The only option left was to buy a complete new key cutting machine

costing £2600 and only charging the customer for the original repair. We strive to ensure that mistakes are not made but if they are we will ensure the best possible resolution for our customers.

So far this year we have had 28 repaired items that have failed within the warranty period out of 1022 items repaired. 12 of these were due to manufacturer parts used.

Fyfe Wilson Interesting Jobs so far for 2015

Repair a 1957 Worthington Simpson flameproof pump.

Design and manufacture 3 pumping station control panel and enclosure,

Manufacture 4 twin headed pumps for military ships.

Refurbish 12 motors and 6 gearboxes for ship board radar systems.

Replace anti vibration mounts on 16 air handling units.

Installation of a mixing vessel run with a 18.5KW motor.

Design and build control panel for pumps on a 2000 litre mixing vessel.

Rebuild of a 1960s press control panel to modern control and drive elements

Lighting installation in a freezer unit.

Overhaul of a lorry wheel wash.

Replace a bore hole pump and pipe work.

Manufactured a replacement traction engine shaft.

Repaired a wine press.

Repaired a few motors, pumps, gearboxes, fans...

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