

### 31 Homer Road Solihull

Following a hard fought tender Qudos Lifts Limited were awarded the contract to fully modernise the existing 4 car group electric traction lifts within the 4 Storey office development at 31 Homer Road Solihull. The works were installed to a specification prepared by Elevate Consulting Limited, the ultimate client was Topland Group and our client Overbury.

The Fast Track project commenced in late September 2016 and completed in April 2017.

The existing installation had been part modernised, on completion of the works the only original components remaining were the Guides, Counterweights and Lift Slings.

Using our in-house AutoCAD equipped design team Qudos Lifts Limited fully developed the specification into a high-level design prior to comments and sign off from the professional team.

The modernised Lifts had a contract speed increase of 1.6m/s, this was achieved through the installation of AC VF Geared Winding Machines

The replacement lift controllers were of the very latest generation of microprocessor based systems provided by our technology partner Lester Controls Limited, fitted with Magnetek HPV motor control units.

The combination of Motors and Controllers achieved compliance to the demanding specification and ensured that the residents of the building would be assured of high performance and precise calling handling while the Ultimate Client would have the significant benefit of an extended component life cycle.

The existing Lift Landing entrances were removed to the masonry opening and new 2 Hour fire rated Medium Duty Lift Landing Entrances installed.

State of the art safety features were included on both the Lift Winding Units and Lift Car Slings, to support Unintended Movement of the Lift Car along with Upward and Downward over speed "arrest".

Stainless Steel Lift Cars were fitted with a full height car operating panel with fully vandal resistant call buttons and LED information system complete with a "traffic light" style Car Door Closing protection system

The landing call points benefited from Vandal Resistant Buttons and each floor was equipped with an LED information screen.

The entire works were completed within an 8-month window and to budget.