

Rotork has a wealth of experience fitting actuators to valves, sluice gates and dampers that are already installed on site. Whether you are replacing obsolete or worn out actuators, changing the actuator power source or automating manual valves, we are able to offer tailor-made solutions designed to meet your requirements.



A wier gate drive before actuation

Retrofitting actuators to valves that are already installed on site is a safe and cost effective solution that minimizes plant disruption.



Adaption design

Working from basic valve data together with the operational and control requirements for the valve we are able to offer a complete actuator selection service that matches the actuator model to the valve requirements. We carry out detailed site surveys, collecting the dimensions required for the design of the mechanical components that will be needed to install the new actuator onto the existing valve.



Completed installation

Where space or access is an issue, we can design innovative, safe and effective remote-drive solutions using proven design techniques and manufacturing processes throughout. Ease of installation and maximum reliability are of paramount importance and all the equipment and work supplied is covered by a full Rotork warranty. Our design service is backed by a factory-trained field service team who are available to carry out the installation work and commission the equipment before it is put into operation.



Commissioning a completed installation

Alternatively we can assist site or contractor personnel with this work. We strongly recommend that a Rotork Service Technician carries out the final commissioning of the installation to ensure that everything is working correctly before it is started-up.

Rotork's performance throughout a challenging valve actuation retrofit project on the Gas Booster Station at the giant Corus Scunthorpe Steel Works in the UK has been praised by the project manager:

"The importance of this project demanded good planning, careful management, close co-operation and attention to detail. Teams from Corus and Rotork worked together as a joint venture, Corus arranging outages, facilitating access, providing craning and supporting Rotork's activities around the valves, all of which are in elevated installations. Rotork ensured that the new actuators were expedited specifically to meet the Corus timescale and delivered punctually to their field engineers.

"The programme worked particularly well, we are pleased with the way that Rotork worked with us at every stage of the contract to meet the extremely restricted installation and commissioning period. As a result, the booster station was returned to operation on time, with the stations main control valves in a fully compliant ATEX Zone 2 area condition, without any disruption to the operation of the steelworks."

*George Mounsey
Senior Project Engineer
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