



## SUPPLY OF 108 BÜRKERT BALL VALVES, PILOT SOLENOIDS AND ACTUATORS

### BACKGROUND

Process Instrument Solutions was tasked with providing valves for delivery and off-load of raw materials for a major UK chemical manufacturer. The customer chose Bürkert on the strength of its reputation and delivery of speed of high- specification valves. This was bolstered by the guarantee that the correct materials of construction, paperwork would be sustained and delivered by Process Instruments' local expertise.

### CHALLENGE

In essence the current chemical manufacturing plant was outdated with only basic safety systems in place to prevent solvents travelling into the incorrect tank. This was highly problematic for various safety reasons and greatly impacted the general running and efficiency of the plant. This project was to ensure the rigorous chemical industry health and safety measures were absolutely adhered to.

### SOLUTION

The new series of valves, Pilot Solenoids and Actuators that have been supplied and installed by Process Instruments are all SIL Safety certified and fitted with ATEX switch boxes which correspond with the integrated control system to ensure the correct valves open and close.

This central system was fitted by Lark Technology and makes certain that there is no risk of spillages. These new systems are essential; compliant with the stringent Healthy and Safety and insurance requirements.

### RESULT

The outcome of this project is the total reassurance that the very best safety applications are now in place for the chemical plant's high valve delivery system of volatile and flammable substances. The safeguarding of the plant is of the utmost importance as well as reducing any potential negative environmental impacts that could follow from a leak or spillage.

### EQUIPMENT SUPPLIED

- Bürkert 2651 Flanged Ball Valves
- Bürkert Type 1061 Switch Box with integral pilot solenoid



**"The total replacement and modernisation of our Plant Valves, Solenoids and Actuators has given us the reassurance that we now have the best safety applications in place. The supply of these high quality valves from Process Instrument Solutions has been second to none with absolute attention to detail every step of the way."**

**East Anglian chemical manufacturer**

