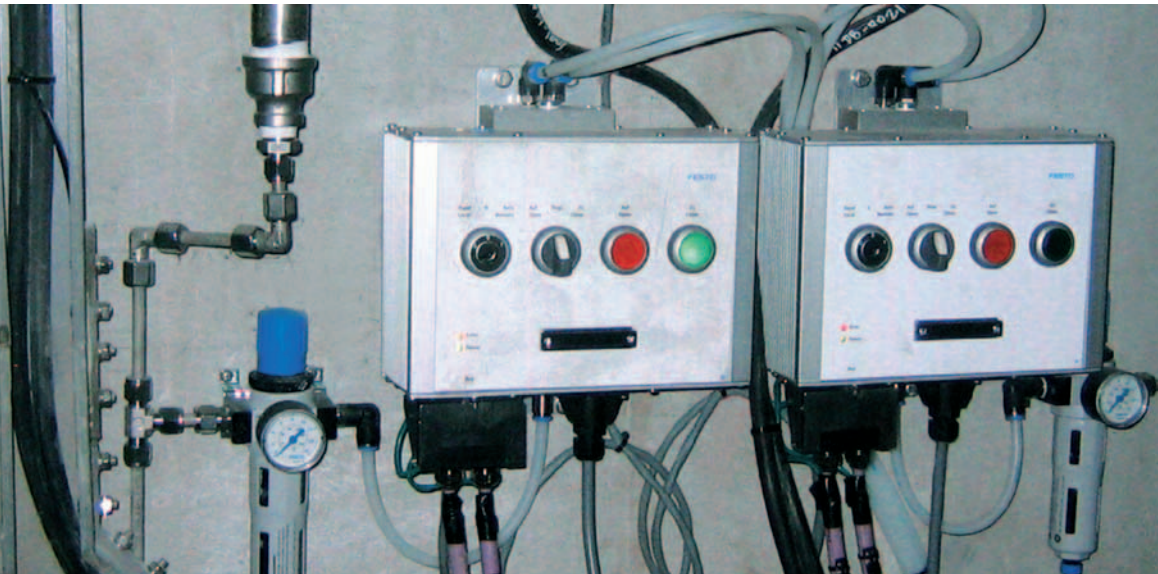


Changi Water Reclamation Plant: The pneumatic solution – precise dosing of chemicals

FESTO



Water/Wastewater

Biotech/Pharma

Food & Beverage

Chemicals

Petrochemicals

Oil & Gas

Pulp & Paper

Energy

Mining

Customer information

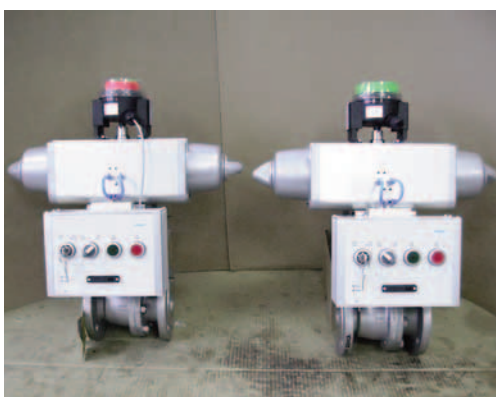
The wide range and combination of engineering services provided by United Engineers Singapore (UES) encompasses civil engineering, mechanical and electrical services and process engineering infrastructure for the energy, water and environmental sectors. Potable and wastewater treatment is its major specialised core business for process and industrial engineering services in South East Asia and other regions.

Task

- Chemical dosing application
- All control valves are required to be connected to Profibus DP/PA
- Local control panel with HMI required on each process valve
- Environmental condition: non explosion proof zone

Solution

- PVC flanged ball valves were selected
- These are coupled with Festo DAPS and DLP-VSE (Profibus DP enabled localised control panels)
- Festo provided sub-assembly of process valves, actuators, limit switch boxes and DLP-VSE control box, factory tested to ensure full functionality on site
- Festo also worked closely with the sub-contractors to integrate field equipment to the control networks



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