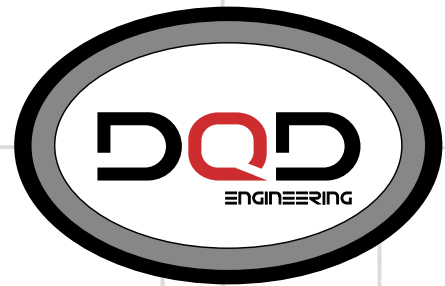


**SPECIALISTS
IN AUTOMATION
AND CONTROL**



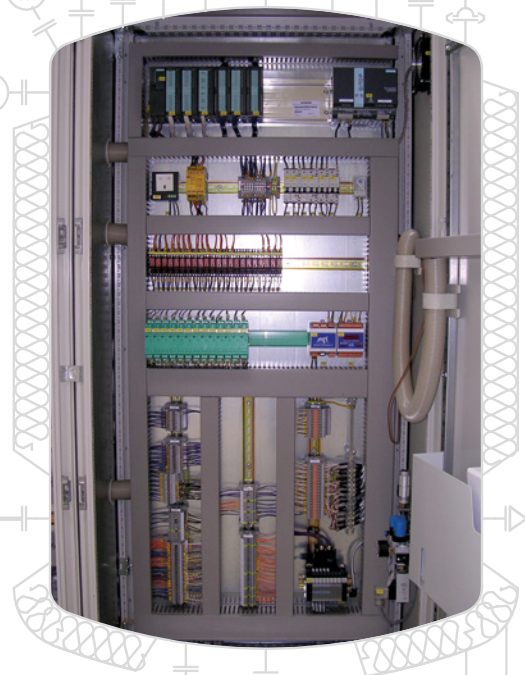
PROCESS AND
ENGINEERING DESIGN

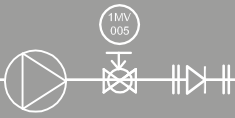
PROCESS
ENGINEERING
AUTOMATION
AND CONTROL

COMMISSIONING
VALIDATION

SERVICE AND
CALIBRATION

ONGOING SUPPORT





INTRODUCTION TO DQD

DQD Engineering Ltd is an established process engineering company with foundations in the Design and Installation of automation and control systems, utilising both the latest technology as well as adopting existing plant.

From concept through to installation and commissioning, DQD will design, fabricate, test, install and commission control panels and systems for bespoke tailored solutions right through to larger turnkey projects.

Our commitment to quality ensures that all procedures are carried out to the highest industry standards, adopting the most up to date GAMP, CGMP guidelines.

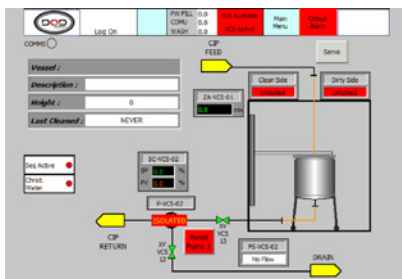
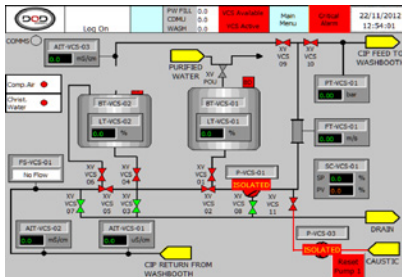
To further complement our offering, we provide these additional services which are integral to the overall DQD solution, including: -

- Specialist pipework distribution systems
- Commissioning
- Validation
- Service and calibration
- Ongoing support

The ability to provide these services both in the UK and overseas confirms DQD as one of the leading specialist contractors, offering customers an unrivalled level of service.



TYPICAL CONTROL HMI LAYOUT



DQD Engineering Ltd recognise different applications require different solutions, which can depend upon the key drivers for the project, such as control and automation levels desired, regulatory compliance, Health and Safety, resources, efficiency and cost.

These considerations require a flexible approach to the solution which in turn require a strong depth of knowledge and skills which DQD Engineering Ltd can provide.

Specialist skills

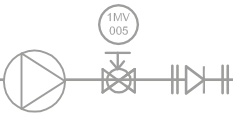
- Ability to demonstrate fully validated pharmaceutical control, manufacturing and process control.
- Support control software applications with DQD automation packages tailored to suit requirements.
- Ability to monitor/functionalise control systems, or provide a simplistic approach for ease of use.
- DQD follow strict quality control procedures ensure that the finished projects meet the users' requirements. All work is carried out by our own skilled and qualified workforce to give DQD total control.

DQD AUTOMATION AND PANEL BUILD SHOP

With our comprehensive inhouse facilities, DQD Control and Automation has the facility to design, fabricate, test, install and commission process control systems, comprising of fully integrated PLC and HMI touch controls.

Our design engineers work closely with the client at each stage to formulate a detailed design specification package that can be reviewed and developed to enable continued progress through to completion.

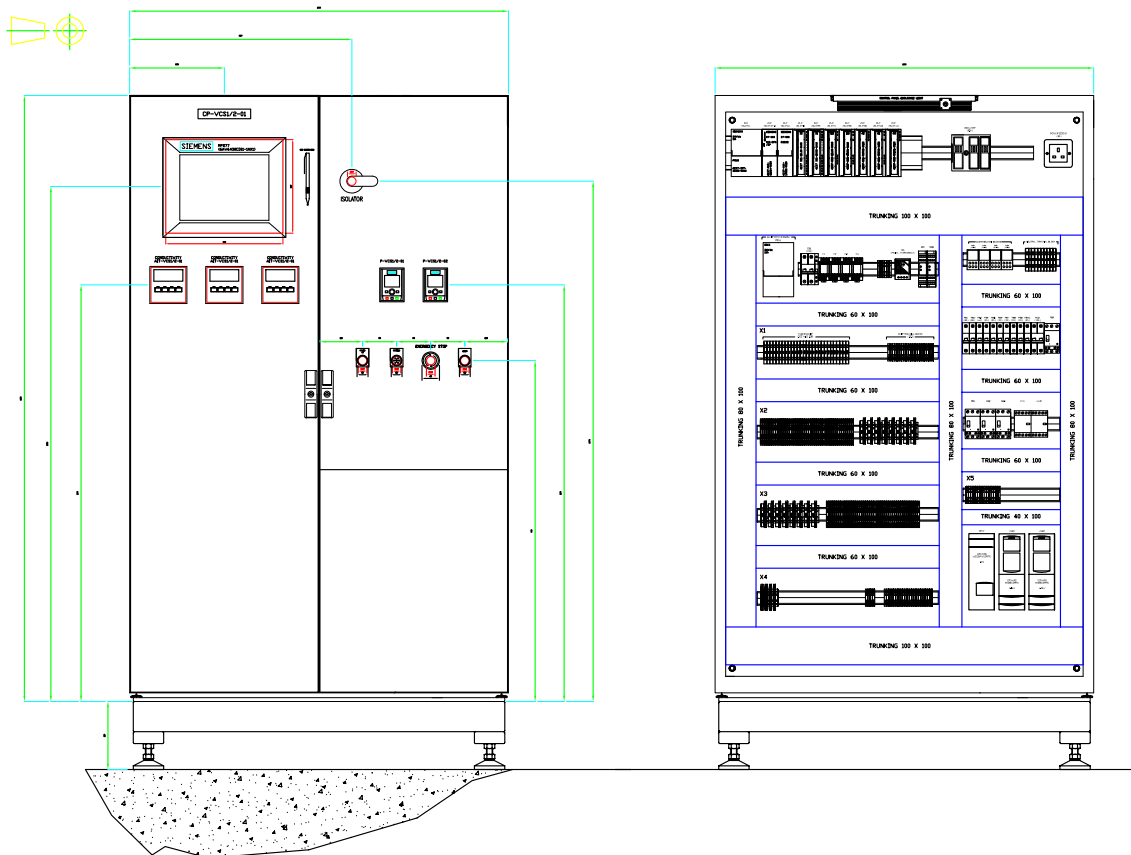




CONTROL PANEL DESIGN

DQD create detailed design drawings for review prior to the control system manufacture, which show both the physical construction of the control system as well as the electrical design.

Typical Control Panel layout: -



DQD ENGINEERING LTD ALSO SPECIALISE IN :

BESPOKE PIPEWORK DISTRIBUTION SYSTEMS • COMMISSIONING • VALIDATION • SERVICE AND CALIBRATION • ONGOING SUPPORT

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