

**SPECIALISTS IN
THE DESIGN AND
BUILD OF PROCESS
SKID SYSTEMS**



PROCESS AND
ENGINEERING DESIGN

PROCESS
ENGINEERING

AUTOMATION
AND CONTROL

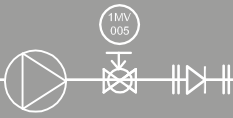
COMMISSIONING

VALIDATION

SERVICE AND
CALIBRATION

ONGOING SUPPORT





INTRODUCTION TO DQD

DQD Engineering Ltd is an established process engineering company with extensive knowledge and experience of process Skid Design and Build solutions, for many various roles and duties.

From concept through to completion, DQD will design, fabricate, test and commission standalone skid packages for a range of applications including:-

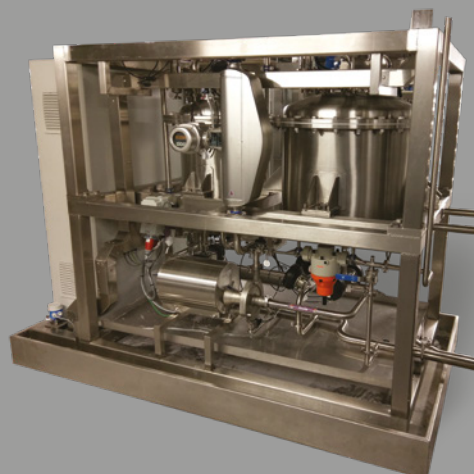
- Clean steam and Clean in Place (chemical)
- Biological effluent and Neutralisation
- Process and Chromatography
- Metering systems
- Filtration and Separation
- Cooling and Heating packages
- Complex valve blocks and pumps systems

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





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DQD Engineering Ltd recognise different applications require different solutions, which can in turn 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 and require a strong depth of knowledge and skills which DQD Engineering Ltd can provide.

The Skid frame manufacturing process depends upon the type of skid/ application and the outlined scope of supply, typically, this could be:-

- Design/manufacture of full process stainless steel skid frames.
- Supply of mechanical, electrical, and instrumentation disciplines as a part of a complete skid frame build.
- Manufacture of client designed skids, including the fitting of client free issued equipment.

SKID BUILD PROCESS

To ensure a Skid solution will meet the clients requirements, the following steps will be considered:-

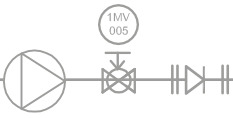
STEP 1

- Review and assess client's specification and URS
- Confirm the functionality
- Establish the full equipment requirement and obtain technical information for the skid mounted application
- Proceed with detailed design drawings and document

STEP 2 Skid Frame Design:-

- 3D modelling to demonstrate the proposed layout and construction plan, in order to demonstrate the first concept design.



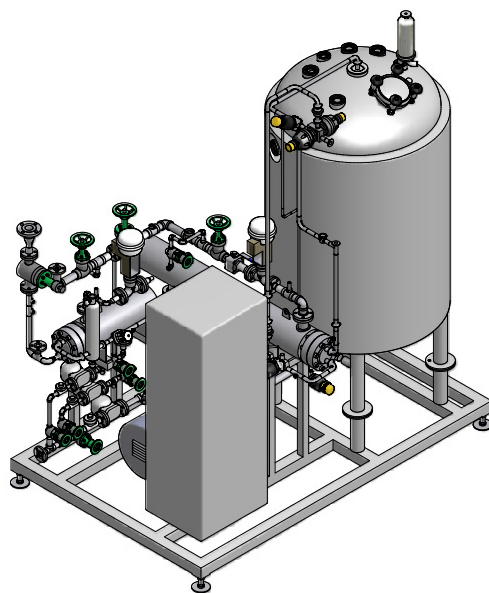


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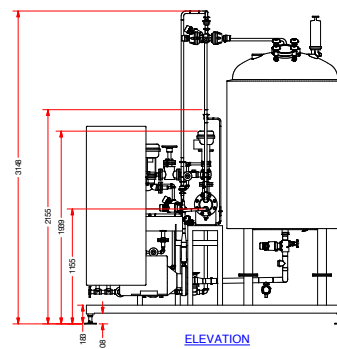
DQD follow strict quality control procedures to ensure that the finished skids meet the user requirements. All work is carried out by our skilled and qualified workforce to give DQD total control.

With our comprehensive inhouse facilities, the DQD Skid Solutions Program has the capability to design, fabricate, test, install and commission various skid units, utilising fully integrated PLC and HMI touch controls.

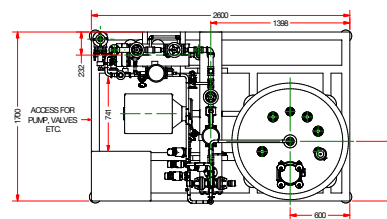
Our design engineers work closely with the client at each stage to formulate a detailed design specification package that can be reviewed and developed to enable continued progress through to application.



ISO FRONT



ELEVATION



PLAN

DQD ENGINEERING LTD ALSO SPECIALISE IN :

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

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