

MECHANICAL ENGINEERING

Whether you are building a new multi million pound process plant or just require some support in routing a particularly challenging pipe run, our Mechanical capability will support you at every level.

Addison have developed specialist 'Cut & Carve' techniques to ensure complex plant modifications minimise operational disruption. Our Design capability is focused around the use of the latest tools such as Autocad, Autoplant 3D and pipe stressing software Caesar II.

Supporting this style of working, we offer a **3D Laser Scanning Service**, which allows an 'As-Built' image to be generated in a much quicker time and with great accuracy, ensuring even complex projects go smoothly.

From CONCEPT to COMPLETION
We have the In-House capability and experience to meet all your requirements.

Mechanical Design and Detailing including:

- 2D / 3D Designs / Models
- General & Equipment Arrangements
- Isometrics
- Visualisations
- Support Details
- Schematic Layouts

Other services include:

- Pipe Stress Analysis
- 3D Laser Scanning / Modelling
- Feasibility Studies and Cost Estimates
- Survey Reports
- Enquiry & Construction Specifications
- Installation Procedures
- Construction Support (inc control documents)