



Client: Merck Sharpe & Dohme (MSD)
Project: Major Upgrade to Pharmaceutical Reactor Bay & Hydrogenator Suite

Background

MSD is the UK subsidiary of Merck & Co. Inc., a leading healthcare company that discovers, develops, manufactures and markets a wide range of innovative pharmaceutical products to improve human health.

Requirement

MSD required HFL to carry out the design, procurement, installation, commissioning and re-validation of a major upgrade to a pharmaceutical reactor bay and Hydrogenator suite at their Hoddesdon site.

“The implementation of this project was critical to MSD from both a timing and business case perspective. HFL provided the required engineering and management to support the client to achieve this and we worked closely with them and the sub-contractors through the design phase and on site during the installation, commissioning and validation steps”

Jonathan Sutterby
Project Manager
Haden Freeman Limited

Our Response

HFL was able to provide the required support which included:

- Process – Specification of equipment and process modification work
- Civil/Structural – Design of modified structures and fire walls
- Mechanical/Piping – Procurement, expediting and inspection of all equipment, generation of scope of work packages and production of ‘Issued for Construction’ drawing packages
- Control – Modification of existing Delta V system
- Electrical/Instrumentation – Specification of instruments, generation of scope work packages and production of ‘Issued for Construction’ drawing packages
- Construction – All project preparation work, installation and commissioning supervised by an on site supervisor
- Commissioning/Validation – Project fully commissioned, re-validated and handed over to the client

Result

The major upgrade provided MSD with a fully operating Reactor Bay and Hydrogenator Suite which has allowed it to significantly increase production capacity and considerably reduce batch times.

