

## DESIGN AND INSTALLATION OF SOLVENT AND RESIN TANK FARM.

Following the successful installation of a large scale production facility, Ai Process was again selected to redevelop the existing solvent and resin tank farm for Jotun Paints (Europe) Limited in Flixborough.

**Client:** Jotun Paints (Europe) Limited

**Project:** Solvent & Resin Tank Farm Upgrade



The Jotun Group is one of the world's leading manufacturers of paints, coatings and powder coatings. The group has 68 companies and 33 production facilities on all continents. To date Jotun has 9,500 employees around the world.

Following a previous multi-million pound facility installation, Jotun Paints (Europe) Ltd then embarked with Ai Process on another significant project to upgrade their solvent and resin tank farm, including the replacement of ageing bulk storage tanks.

The works were undertaken on an 'open book' basis, allowing a transparent approach to the procurement of equipment and services whilst the design was progressed, prior to a phased plant installation.

The result was a project that was designed to conform to today's quality requirements, installed on time and within budget.



### DESIGN CHALLENGE

Throughout the project various challenges were met and overcome. These included:

- Designing the facility to make efficient use the existing space
- Logistical challenge of transporting dozens of purpose built storage bulk vessels from continental Europe to the Flixborough site in the UK
- Safe installation of the new equipment in confined spaces, in compliance with latest guidelines and regulations
- Exchanging existing storage vessels with new, with minimal disruption to the existing production facility
- Adhering to a strict programme and project budget



### SCOPE OF WORKS

The scope of works included the following:

- Detailed specification and designs for new facility
- Procurement of plant and services
- Safe phased removal of existing storage tanks and replacement with new
- Upgrade and testing of existing bunds and plinths
- Associated process pipework infrastructure
- Walkways and maintenance access to high and low level areas
- Process control upgrade including associated field instrumentation and electrical installation works to hazardous area requirements
- Calibration, testing and commissioning of the new installation

### CONTINUING SUPPORT

Ai Process is proud to offer continuing post-project support to its clients, encompassing everything from the supply of operator training, spare parts, further process development and additional production upgrades.

This reinforces our belief in the importance of maintaining a strong customer relationship, long after project completion

To find out more about the range of services we offer, please visit [www.aiprocess.com](http://www.aiprocess.com)

