

Industrial



Huntsman Advanced Materials

Peter Dann were employed to assist in the extension of the RF2 Plant that produced advanced adhesives for use in the construction of ships transporting natural gas, at Huntsman Advanced Materials in the village of Duxford, south of Cambridge.

The structure is a clad portal frame building with a mezzanine supporting pressure vessels and extract plant on the roof. The mezzanine was designed to tight tolerances with respect to deflection and vibration to ensure accuracy of the measuring equipment within the process plant.

Restricted hot works, due to the adjoining live production plant, necessitated offsite fabrication. We solid modelled the steel frame from which the fabrication drawings were produced. The fabrication drawings took account of the connecting plant and thus ensured complete integration of the structure and plant.

Externally new bunds and gantries were installed to service the building. The bunds were constructed of reinforced concrete, and the pipe gantries of galvanized steel.