



PROJECT: Cell 4
Location: Filton, Bristol
Value: £440k
Timescale: 10 weeks



The client

GKN Aerospace design, manufacture and service systems and components for most of the world's leading aircraft, vehicle and machinery manufacturers. Founded more than 250 years ago, they have adapted, developed and grown into a £10.4 billion business.

The brief

Design and build an enclosed standalone structure, (cell) to house 3D printing machines - required to operate in a temperature and pressure controlled environment.

Project delivery

The client required a quick 10 week turnaround for the design and construction of the cell to ensure global orders were met for 2018.

PJE were tasked with building the cell within the constraints of an ageing building. Argon gas and compressed air were required for each machine position, along with electrical and mechanical installations. Careful coordination and specification for the heavy lifting equipment were required so as not to disturb the sensitive machinery manufacturing items on site in adjacent spaces.



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