

GLOBAL ENGINE MANUFACTURER DARLINGTON, UK

Project Overview

Project	Training room extension and welfare areas for staff
Location	County Durham, UK
Freestanding Application	Advanced manufacturing for engines and components
Walls	M100 (NFR)
Ceilings	M-WOC
Doors	Single/double leaf (NFR); fully glazed DDA
Glazing	Flush glazed vision panels (NFR)
Miscellaneous	N/A
Performance	Structure (Heavy Duty BS 5234 Part 2)



“As part of the continued redevelopment of the site and our commitment to training, MIDDAS added an extension to an existing facility that gave us a new, dedicated training facility.”

Steve James, Client Facilities Manager

Background

The client wanted a training and viewing room for the assembly of engines, to use for internal and distributor training. The new training and viewing area would be linked to the existing two storey amenity and training block.

Brief

The training room required full glazing, with provision of clear internal height to allow for the integration of high level crane and rails. To create the viewing area, the adjacent second floor training room also required vision panels.

Solution

MIDDAS extended the existing training and amenity facility using a freestanding solution, creating a clear internal height of 6 metres, with structural framework above to support the ceiling and distributed services. Additional vision panels were added to the second floor training room to provide a clear view of the gauge lab below. The lab also benefited from flush 2 metre high glazing at low level.