

Case Study: 19013 Office Extension in Warehouse Area

 **Value**
£189,000

 **Location**
Slough

 **Contract Length**
16 weeks



Types of Work Involved:

Steel Fabricators / First fix Carpentry / Dry lining Contractors / Second fix Carpentry / Decorations / Electrical works / Air conditioning / Plumbing / Smoke detection systems / Security systems / Contract floor laying

The Task:

To erect an office extension in the existing warehouse at the back of existing office areas. We were required to install 2 floors into a restricted head height area.

The Problem:

Works were to be carried out without causing any obstructions or delays to general operations in this Bonded warehouse. There was no external space for storage and waste skips. The warehouse contained valuable goods, which we had to protect along with the staff from any hazards arising from our works operations such as hot works.

The Solution:

The first aspect of the works was the Structural steel fabrication which was carried out off site to minimise hot works and other associated hazards. The erection was then carried out in a safe manner. Once in place the first fix carpentry works, joisting and floorboards as well as erection of metal studwork, first fix for Electrics and Air conditioning. To ensure adequate sound proofing in the offices, dry lining with 2 layers of 15mm special fire rated boards on outer face with 2 layers of 15mm sound block boarding was mounted on Resilient bars. This was all taped and jointed prior to decoration. Installation of FD 60 1 hour fire rated doors to the external wall. All internal doors were FD30 half an hour fire rating and were varnished. The walls were all Decorated with 3 coats of Dulux emulsion. The first floor had suspended ceiling installed and all lighting and emergency lighting was recessed LED lighting. All Electricity fed through desk height Dado rail with a few floor sockets set in the floor and CAT 6 cables were fed to each socket. Air conditioning units fitted to every room. Carpets fitted throughout and safety nosings to all stairs. The job was finished to the clients expectations and further works are in the pipeline with this client.

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