



HSE

Health & Safety Engineering Ltd

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Project Name:- Real Digital

Customer:- Real Digital

Location:- Croydon

Date of Completion:- 2006

Contract Value:- £144,000

Project Description

Health & Safety Engineering Limited recently undertook a turnkey project to install a waste paper trim handling system for a company specialising in customised mailing runs. The system collects the paper edge trim from the five print machines, chops it and conveys it to an air separator outside the print room. The carrier air is then filtered in a HSE reverse jet dust collector and discharged back into the print room through a HEPA filter.

The project incorporated a number of specialist features requested by the client:-

- ◆ The collection system had to be compact and fit within the limits of the warehouse storage racks.
- ◆ A Smart control panel was included to adjust the air flow volume to the number of printers running.
- ◆ A non venting explosion suppression system mean that the dust collector could be located in the warehouse.
- ◆ The air was returned to the print room through HEPA filters to conserve energy and maintain a positive pressure air balance.

Health & Safety Engineering supplied the dust extraction equipment and the Smart control system as well as providing a full Turnkey installation package. The project was completed on time and to the customer's satisfaction.

200 words.

DUST COLLECTION

ODOUR & FUME EXTRACTION

ACOUSTIC ENCLOSURES

REPLACEMENT CARTRIDGES

WET COLLECTORS & SCRUBBERS