

## Case Study

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The customer carries out welding and fabrication operations for the production of fire safety and protection systems. After expanding their premises and discussions with their employees they were pro-active in seeking a safe and healthy solution for their employees work area.

Our brief was to redesign the factory ducting layout to ensure efficient extraction to all working areas. After consultation with the customer our company installed two 30 metre extraction rails each equipped with six 3 metre long extraction arms.



Extraction Rails are an advantage when working over a huge workspace on large items. Each exhaust arm is attached at a height of three metres and is rotatable through 360° due to its positioning on the rail. This gives the operator a free and unobstructed working area. In addition the arms are able to be moved to any point along the rail giving this workshop a floor area of 360m<sup>2</sup> covered by extraction.

The process fume is taken from the operators working area via the extraction arm and then is transported along the extraction rail to then be vented to atmosphere at a safe height.

Extraction Rails can be tailored to any length required with the number of extraction arms attached to suit your needs.