

Case Study

We were contacted by a company responsible for railway infrastructure after an existing six figure Fume Extraction System in one of their workshops had underperformed since its original installation.

After an initial appraisal it was found that the system was not adequate or appropriate for the needs on site and a new design was formulated by our company.

The original design consisted of spring balance blocks which were not effective with the train exhaust design and large amounts of expensive exhaust hose which had to be connected each time a new train carriage was brought into the maintenance shed.

Our redesign encompassed Fume Extraction Hoods which were placed at marked stop points for the train carriages. The hoods are fitted with strip curtain to ensure full fume capture.



In addition the supplied control panel had five different settings for each class of train that would used the bay.

The system was brought in under the original installation costing and provides the client with their requirement.

The design was replicated in other maintenance bays on the site and also at other maintenance sites around the U.K.