

## Case Study

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We were called to a site producing high quality medical instruments who had been suffering poor extraction since the installation of a Dust Extraction System by one of our competitors.

After attending site our calculations showed that although the Dust Extraction Unit was more than capable of completing the required job our competitor had calculated incorrect sized ducting runs for the system. This meant that the system was unable to handle the pressure put under it and so was performing badly.

Firstly we moved the Dust Extraction Unit to another floor of the building as per the customers preference as the original installation location was inconvenient.

Then through our calculations we installed correctly sized ducting which brought the pressure the system was under below its limits. Oversized ducting had been installed by our competitor which meant that dust was not being captured during the finishing process.



Our modifications have ensured that the system now performs as expected by the customer and has passed its annual LEV Test as stipulated in HSG258.

Subsequently the client has asked our company to carry out modifications to a number of Systems on the site.