

Case Study

Total Extraction Solutions Ltd were approached by a large Higher Education College to design, manufacture and install a bespoke Nail Dust and Fume Extraction System for Beauty Training.

Nail filing fumes from varnishes and polishes are hazardous and can cause nausea, headaches and dizziness for the technician and client.

The College researched their needs with many companies within the industry and found the best extraction system for their needs was of a bespoke design from our company to protect the students and technicians health.

Total Extraction Solutions Ltd designed an extraction system which was able to be retro-fitted in a classroom with existing work benches.



A total of 18 aluminium extraction arms were installed in the classroom each terminating with extraction hoods to ensure complete extraction of fume. The fume then passes through an activated carbon filter which enables the cleaned air to be expelled to atmosphere.

The system exceeded the clients requirements and was installed speedily and professionally without disturbing the use of classroom space at the college.