

Case Study

Our Company was awarded the contract to install a new Wood Waste Extraction System at a biomass power station laboratory. Wooden pellets are delivered to site and are composition tested before use and so produce dust which requires capture.

The high powered modular extraction unit was installed externally to keep space free internally in the building. Its filter bags are automatically cleaned on shutdown via a shaker motor with dust being collected in metal bins for disposal. An ATEX explosion relief panel is fitted as standard due to fine dusts being dealt with.

Pellets are delivered via container to the hopper and so extraction was installed to a vibrating sizing table, shredder and rotary splitter.



Two vacuum points were added to the system to allow for housekeeping duties.

The plant generates clean, green energy using waste wood, exporting just over 41MW of green electricity which is enough to supply 78,000 homes and save over 150,000 tons of CO2 every year.