

Lower Barn Air Scrubbers

1. Operations manual attached.
2. The will scrubbers run continuously throughout the cycle, all maintenance is carried out between flocks when houses are empty. Full 24/7 cover will be in force covering any breakdowns/malfunctions. Short term repairs would be completed within 36 hours. In the event of a major breakdown the respective house would not be restocked until the air scrubber is fully operational.
3. Sulphuric acid storage is constructed in line with CIRIA C736 guidance.
4. Acid storage is in IBC's placed in a bunded store (no filling of tanks) all pipework is specified as non-corrosive, acid pipework is pressure monitored with automatic shut off valve. All pipework visually checked weekly and pressure tested during routine maintenance at end of each cycle.
5. Spent acid liquor is piped to the above ground bunded double skinned storage tank which has both overfill and leakage protection.
6. IBC moved straight away into bunded areas.
7. System continuously monitors Fan Speeds, Ammonia Levels, Water PH levels via Sensors, Water level, Drum running sensor, temperature levels, Humidity levels, Circulation flow and Water conductivity levels via sensors
8. Operator will be responsible for supervising the complete system, Munters / Jansen UK will be providing full training on the systems before the site is in operation while also maintaining 24/7 assisted support for the systems installed.
9. No placement of birds will take place in the relevant house if the scrubber system is not fully functional.
10. High velocity fans on houses 5-8 will be in operation as a contingency measure if wet acid scrubbers are not in use due to maintenance or failure, and/or for infrequent use during times of warm weather for temperature control.
13. Spent scrubber liquor will be collected by a licensed disposal company.