

Biomass Operation – Management/Fire Prevention/Emergency Plan

Type of operation	Potential Risk	Control Measures
Boiler operation	Fire hazard	Operated to manufacturer's specifications and guidance. Regular servicing and cleaning. Daily operating temperatures recorded.
Boiler operation	Dust /noise or odour	Any deviance from normal operation should result in boiler shutdown with abnormalities recorded and manufacturer's guidance requested before further use.
Boiler operation	Ash removal and storage	Ash should be removed as per manufacturer's guidance using the correct PPE, storage of ash in sealed heat proof container sent off site with litter.
Boiler Operation	Vandalism/Intruders	Boiler house to remain locked and secure at all times with authorised access only.
Grade A storage		Storage within building with fireproof walls.
Grade A Wood chip	Fire risk	Authorised entry only, warning signs displayed of fuel storage, ie. No Smoking, No Naked flames etc.
Grade A Wood chip	Overheating	Moisture content monitored and recorded frequently (daily) to prevent mass overheating.
Grade A Wood chip	Fire Risk	Deliveries checked for moisture content not exceeding 20% moisture. Plant room fitted with smoke detectors and temperature sensors connected to alarm system. Flash back arrester fitted to boilers delivery auger preventing fire travelling to silos. Temperature recording of above 50 degrees Celsius will trigger the alarm system warning staff of a potential risk. Fire

		extinguishers will be available within the boiler area. In the event of a fire emergency services would be immediately notified, staff would be evacuated and clean drainage systems would be diverted to dirty water catchment tanks. Operator would notify nearest receptors.
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Grade A

Deliveries must be accompanied by a waste transfer note confirming the recycled wood meets the specifications for Grade A waste wood, or returned to supplier.

All deliveries of Grade A will be delivered during daylight hours with each load being visually inspected for any impurities ie. Paint, preservatives or adhesives, any load showing signs of contamination will be rejected and returned immediately to supplier.

Records will be kept on site of each delivery ticket, signed by site manager declaring load has been inspected.

Waste code 15 01 03