

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 as waste.
Boiler Operation	Vandalism/Intruders	Boiler houses to remain locked and secure at all times with authorised access only.
Grade A	Fire risk	Authorised entry only, warning signs displayed of fuel storage, ie. No Smoking, No Naked flames etc.
Grade A	Overheating	Moisture content monitored and recorded frequently (daily) to prevent mass overheating.
Grade A	Fire Risk	Deliveries checked for moisture content not exceeding 20% moisture. Both storage areas and plant rooms fitted with smoke detectors and temperature sensors connected to alarm system. Flash back arrester fitted to boilers delivery auger preventing fire travelling to storage area. Fire resistant wall between storage areas and boiler plant rooms. Temperature recording of above

		50 degrees Celsius will trigger the alarm system warning staff of a potential risk. Storage pile would be spread out within the storage area allowing material to cool down. Fire extinguishers will be available within the storage 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.
Grade A	Dust	Lorry can reverse into woodchip store and deliver load minimising dust from external factors. Lorry has a walking floor instead of bulk tipping minimising dust via a more controlled delivery.

Grade A management

All deliveries of grade A to be inspected on site yard via the trailer inspection ladders, appropriate PPE to be worn.

The inspection of grade A is to be carried out by the operator or site manager, the operator is looking for any lower grade materials ie metal or treated timber. If found the load is to be rejected and returned to supplier immediately. The supplier must be informed of the reason the load has been rejected. The net tonnage must be recorded and a copy of the delivery note will be kept.

All grade A deliveries are to state meets the criteria for approved Grade A on transfer notes from suppliers, deliveries without the correct waste transfer notes will not be accepted.

EWC code 19 12 07.