

Application information requirements for assessing air emissions from biomass boilers at EPR intensive farms

Required information

Please supply the following information:

Number of biomass boilers	1
Stack height (from ground level)	9m
Thermal input in MW or kW of each boiler	0.95MWth
The exact grid reference(s) of the stack(s)	503339,395260
The exact grid reference of the centre of the farm	503299,395188
A plan giving layout of the farm including dimensions.	
Fuel type (virgin wood, straw or miscanthus)	Virgin Woodchip
Approximate fuel storage tonnage	75t
Details of accident prevention measures - please provide risk assessment document	Biomass management
Details of what happens to the ash, e.g. exported from site as waste or added to the manure for spreading on land.	Exported from site as waste
Confirmation that the boiler and its installation meet the technical criteria to be eligible for the Renewable Heat Incentive (the boiler manufacturer should have proof of certification) please provide certificate (<i>scheme not open to new applications but boiler should still meet the criteria</i>)	
Additional information required only if the boilers do not screen out as detailed in the guidance at https://www.gov.uk/guidance/intensive-farming-risk-assessment-for-your-environmental-permit#air-emissions-biomass-boilers	
Adjacent Building heights	
Flue diameter	
Flue gas exit minimum temperature	
Exit velocity in m/sec	
NO_x concentration in mg/Nm³	
CO concentration in mg/Nm³	
PM₁₀ (dust) concentration in mg/Nm³	
O₂ concentration %	

(Please note the 'N' in Nm³ means 'normal' which means the gas volume, which depends on temperature and pressure, is measured at 101.325 kPa and 0 °C)