Appendix 13: Combustion plant list

Combustion Plant List										
Plant Name	**NACE Code (required information)**	**Traceable identifier for the individual medium combustion plant (MCP) or generator (required information)**	**Plant Manufacturer**	**Model Name**	**Is the plant stationary or mobile?**	**Stack or emission point national grid reference (required information)**	**Easting**	**Northing**	**Latitude**	**Longitude**
Guidance	NACE code means Nomenclature of Economic Activities and is the European statistical classification of economic activities Full Classification Simple List	Serial number or other unique identifier, name plate, manufacturer and or model				Enter the coordinates of the emission point of the plant (not the site). You should enter this as a National Grid Reference or as a Latitude and Longitude pair. You should enter the values using the same coordinate system that you collected the raw data in.				
Plant 1	C10.5	GEN1234DE0001	Cummins	C12 D6T	stationary	ST 58132 72695			51.45168	-2.6039127
Boiler 1	C10.8 - Manufacture of other food products	YSXB7000LN-74	Cochran	ST36 / K590X	Stationary		433796	390344		
Boiler 2	C10.8 - Manufacture of other food products	YSXB7000LN-75	Cochran	ST36 / K590X	Stationary		433791	390343		
Boiler 3	C10.8 - Manufacture of other food products	YSXB7000LN-76	Cochran	ST36 / K590X	Stationary		433785	390341		

Date operation started (required information)	Rated thermal input of the individual MCP or generator in MW thermal (required information)	Total rated thermal input of all plant or generators on site in MWth	Technology or type (required information)	Main fuel type used (required information)	Secondary fuel type used (required information if plant is dual fired or uses a secondary fuel as a back up)	Is the secondary fuel used as a back up? and/or does the plant co fire using the secondary fuel?	Percentage of secondary fuel type used
When the plant or generator was first put into operation or the commissioning date, leave blank if new and not yet operating	This is for each individual unit. You should calculate this using one of the methods in the Association of Manufacturers and suppliers of Power Systems and ancillary equipment (AMPS) technical note: "Determination of thermal input power of an engine driven generator". Microsoft Word - AMPS8704 - AMPS Technical Committee document template update 03.docx (environment-agency.gov.uk)	This should be the total of all the individual units of any size	Boiler, Engine, Back up generator, turbine, boiler CHP	Biogas, Hydrogen,Natural gas,Non-waste derived biogas,Other gaseous fuels,Gas oil Gas oil substitutes,Liquid fuels other than gas oil,Solid Biomass,Straw,Waste biomass,Woody solid biomass,Other solid fuels	Biogas, Hydrogen,Natural gas,Non-waste derived biogas,Other gaseous fuels,Gas oil Gas oil substitutes,Liquid fuels other than gas oil,Solid Biomass,Straw,Waste biomass,Woody solid biomass,Other solid fuels	Back up, Co-firing, both	Only required where co firing
23/05/2016	2.1	12.4	Engine	Gas oil	Natural gas	Co-firing	20
30/06/2025	5.5	16.5	Boiler	Natural gas			
30/06/2025	5.5	16.5	Boiler	Natural gas			
31/10/2025	5.5	16.5	Boiler	Natural gas			

Will the medium combustion plant be operated as a limited operting hours plant? (required information)	Annual operating hours. Please enter the hours the plant is intended to run.	Do you want to declare that your existing MCP will meet new MCP emission limit values (ELVs) from the medium combustion plant directive?	Percentage of typical average load in use	Background nitrogen dioxide (NO2) in ug/m3	Stack height (meters)
Where the option of exemption under Article 6 (8) of the medium combustion plant directive is used the operator (as identified in Part A of the application form) can declare by indicating here that the MCP will not be operaterated more than the number of hours referred to in this paragraph.	This should be the total for the year and be to the nearest whole number	Applicable for existing MCP plant only. You may want to claim this to demonstrate low risk impacts to habitats as part of an air emissions risk assessment. If you do make this voluntary declaration we will include new MCP ELVs from the medium combustion plant directive in your permit.		Go to the Defra UK Air website and select the most recent background map data. Set the local authority to that of your site location and the pollutant to NO2 Background Mapping data for local authorities - Defra, UK	
Yes	7000	Yes	90	12	3
No	8760	Yes	60	16.3	21.7
No	8760	Yes	60	16.3	21.7
No	8760	Yes	60	16.3	21.7

Exhaust gas release rate (Nm3/s)	Is the plant in an Air Quality Management Area (AQMA) for a declared pollutant?	What is the name of the local authority who has declared th AQMA?	Closest human receptor (meters)	Human receptor details	Closest Ecological receptor (meters)	Ecological receptor details	Will secondary abatement be fitted to the plant	What type of secondary abatement will be fitted?	date of capacity market of balancing service agreement or FiT accreditation (DD/MM/YYYY)	Are you meeting the CCR or HCR conditions under the Decarbonisation Readiness Requirements of EPR Schedule 25C?
	AQMAs interactive map								applicable to SG applications only	'DR not reasonably practicable' can only be selected if the permit was granted before 28 February 2026 and it is not reasonably practicable to meet the CCR (carbon capture readiness) or HCR (hydrogen conversion readiness) conditions due to the location or technical characteristics of the relevant generator
1.5	Yes	Cheshire West and Chester	100	school	500	SSSI, SAC	Yes	SCR	01/12/2018	CCR conditions have been met
1.68	Yes	Sheffield CC	150	Leisure centre	7160	SAC	No			DR not applicable
1.68	Yes	Sheffield CC	150	Leisure centre	7160	SAC	No			DR not applicable
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