

THE OFFSHORE COMBUSTION INSTALLATIONS (POLLUTION PREVENTION AND CONTROL) REGULATIONS 2013 (as amended)

UK Energy Portal Environmental Tracking System (PETS) Changes – September 2023

Further to the Department's communication on 15th September 2023 to advise operators of the Medium Combustion Plant (MCP) permitting requirements. Changes have been made to the PPC Subsidiary Application Template (SAT) to allow for the submission of permit applications to be made through the PETS system.

The changes have been made to clearly define where any combustion plant on a PPC permit is either a Large Combustion Plant (LCP) or a Medium Combustion Plant (MCP), so that the appropriate permit conditions can be applied to such plant. More specifically, to permit MCP from their 'relevant date'. The relevant date for 'existing Medium Combustion Plant' with rated thermal input greater than 5 megawatts (MW) is 1st January 2024.

PPC SAT change:

Following the changes, the application now has additional data input fields that require the operator to provide details about the Offshore Combustion Installation (OCI). These additional fields are required to confirm the following:

- a) Whether the OCI is a Large Combustion Installation (LCI) or a Medium Combustion Installation (MCI).
- b) For an LCI permit application, the operator is required to select whether each item of equipment is a Large Combustion Plant (LCP), or is a Medium Combustion Plant (MCP), or if it is neither LCP nor MCP then it must be selected as 'Other' plant.
- c) For an MCI permit application, the operator is required to only select MCP that requires permitting before its relevant date.

Additional file upload facilities have been provided for any supporting information where applicable.

Details of the changes are shown below and in ANNEX I.

The application has been amended to:

- Include the addition of the 'Offshore Combustion Installation Details' section.
- Update to the 'Description of equipment' section to satisfy the requirements of the Regulation 4A.
- Update the 'Emissions Loads' section to enable files containing supporting information (e.g. calculation basis) to be uploaded into this section.
- Renamed the section titled 'Monitoring Plan' to 'Monitoring Plan and Monitoring Reports'. On-screen guidance updated to indicate that multiple compliance monitoring report files can now be uploaded to this section.

The change will be released on 18th September 2023. Following the release of the amended PPC SAT, the changes will take effect from that date on all new or varied permit applications:

- When a new variation to an existing PPC permit is initiated, all applicants must answer the new additional questions, applicable to the OCI and Plant types, in the new data input fields. These fields will need to be initialised once only, when the existing PPC permit is first varied. The fields will not need to be updated again until there is a change relevant to those fields.
- For existing permit variations already in the system, the PPC SAT will remain unaffected, until such time as the permit next undergoes a variation application.
- For new PPC permit applications, the new PPC SAT changes will take effect and be available as described above.

ANNEX I

Existing Application:

Combustion Installation Equipment Details								
Description of equipment								
Please enter details of all the combustion installation equipment on the offshore installation (platform) that is the subject of the permit application, the permit variation and/or the substantial change assessment.								
*Item No.	*Equipment Name and Model	*TAG / Facility No.	*Fuel Type	*Type of Equipment and Primary Purpose	*Maximum Rated Output (MW)	*Maximum Thermal Input (MW(th))	*Rated Thermal Efficiency	*Annual Running Hours

Monitoring Plan
Please provide an outline of any proposed measures to monitor emissions from the combustion installation equipment on the offshore installation (platform) that is the subject of the permit application, or from individual items of combustion installation equipment on the offshore installation (platform), for all permit applications, permit variations and/or substantial change assessments. Where there are no proposed measures, any subsequent permit issued in response to this application will include a requirement to undertake a monitoring programme.

Emission Loads								
Please enter the estimated maximum aggregated annual emission loads (tonnes per annum) for all the combustion installation equipment on the offshore installation (platform) that is the subject of the permit application, the permit variation and/or the substantial change assessment, for at least three calendar years. The information should be based on the emission profiles and the estimated running time and fuel use for all the qualifying equipment. The sulphur oxides loads should be based on the sulphur content of the fuel(s) used on the facility, and the total estimated fuel use. Dust loads estimates should only be provided if data are specifically requested by the Department, and guidance will be provided to accompany such a request. If the information is not requested, operators should enter N/A.								
Year No.	*Nitrogen Oxides (NOx) tonnes	*Sulphur Oxides (SOx) tonnes	*Carbon Monoxide (CO) tonnes	Methane (CH ₄) tonnes	Non-methane VOCs tonnes	Carbon Dioxide (CO ₂)	*Dust (PM) tonnes	Comments
2023	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 100%;" type="text"/>
2024	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 100%;" type="text"/>
2025	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 100%;" type="text"/>
<input type="button" value="Add Year"/>								
You must ensure that at least three years data is provided in the application. The data for preceding years(eg. data for 2022) cannot be modified;however, you can use the copy and paste function to populate data for subsequent years. Data for expired years can be deleted.								

Updated Application: Offshore Combustion Installation and Description of Equipment

(i) Large Combustion Installation

Offshore Combustion Installation Details

Please provide details of the installation you are applying for.

i

- **Large Combustion Installation (LCI)** means a platform equipped with combustion plant that has a total (aggregated) rated thermal input capacity which is equal to or greater than 50 megawatts.
- **Medium Combustion Installation (MCI)** means a platform equipped with combustion plant that has a total (aggregated) rated thermal input capacity which is equal to or greater than 1 megawatt and less than 50 megawatts.

*Is this application relating to an Large or Medium Combustion Installation? Large Combustion Installation (LCI) ▼

*What is the Primary NACE Code for the Installation? 0620 ▼

*Select any other NACE codes which apply to this Installation 0610 0620

Combustion Installation Equipment Details

Description of equipment

Please enter details of all the combustion installation equipment on the offshore installation (platform) that is the subject of the permit application, the permit variation and/or the substantial change assessment.

*Item No.	*Equipment Name and Model <i>i</i>	*Plant Type <i>i</i>	Existing Plant <i>i</i>	*TAG / Facility No. <i>i</i>	*Fuel Type <i>i</i>	*Type of Equipment and Primary Purpose <i>i</i>	Start of Operation Date	*Maximum Rated Output (MW) <i>i</i>	*Maximum Thermal Input (MW(th)) <i>i</i>	*Rated Thermal Efficiency <i>i</i>	*Annual Running Hours <i>i</i>	Limited Operating Hours Plant <i>i</i>	
1	<input type="text"/>	LCP ▼		<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		
2	<input type="text"/>	MCP ▼	Select One ▼	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Select One ▼	
3	<input type="text"/>	Other ▼		<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		

(ii) Medium Combustion Installation

Offshore Combustion Installation Details

Please provide details of the installation you are applying for.

- **Large Combustion Installation (LCI)** means a platform equipped with combustion plant that has a total (aggregated) rated thermal input capacity which is equal to or greater than 50 megawatts.
- **Medium Combustion Installation (MCI)** means a platform equipped with combustion plant that has a total (aggregated) rated thermal input capacity which is equal to or greater than 1 megawatt and less than 50 megawatts.

*Is this application relating to an Large or Medium Combustion Installation? Medium Combustion Installation (MCI) ▼

*What is the Primary NACE Code for the Installation? 0610 ▼

*Select any other NACE codes which apply to this Installation
 0610
 0620

Combustion Installation Equipment Details

Description of equipment

Please enter details of all the combustion installation equipment on the offshore installation (platform) that is the subject of the permit application, the permit variation and/or the substantial change assessment.

✘ Only include items that are Medium Combustion Plant (MCP) in accordance with the relevant date. You cannot add Large Combustion Plant (LCP) or Other Plant to an application for a Medium Combustion Installation. Please remove this plant type.

*Item No.	*Equipment Name and Model <i>i</i>	*Plant Type <i>i</i>	Existing Plant <i>i</i>	*TAG / Facility No. <i>i</i>	*Fuel Type <i>i</i>	*Type of Equipment and Primary Purpose <i>i</i>	Start of Operation Date	*Maximum Rated Output (MW) <i>i</i>	*Maximum Thermal Input (MW(th)) <i>i</i>	*Rated Thermal Efficiency <i>i</i>	*Annual Running Hours <i>i</i>	Limited Operating Hours Plant <i>i</i>	
1	<input type="text"/>	MCP ▼	Select One ▼	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Select One ▼	⊖
2	<input type="text"/>	Other ▼		<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		⊖

Add New equipment item

(iii) Emission Loads

Emission Loads

Please enter the estimated maximum aggregated annual emission loads (tonnes per annum) for all the combustion installation equipment on the offshore installation (platform) that is the subject of the permit application, the permit variation and/or the substantial change assessment, for at least three calendar years. The information should be based on the emission profiles and the estimated running time and fuel use for all the qualifying equipment. The sulphur oxides loads should be based on the sulphur content of the fuel(s) used on the facility, and the total estimated fuel use. Dust loads estimates should only be provided if data are specifically requested by the Department, and guidance will be provided to accompany such a request. If the information is not requested, operators should enter N/A.

Year No.	*Nitrogen Oxides (NOx) tonnes	*Sulphur Oxides (SOx) tonnes	*Carbon Monoxide (CO) tonnes	*Methane (CH4) tonnes	*Non-methane VOCs tonnes	*Carbon Dioxide (CO2)	*Dust (PM) tonnes	Comments
2023	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2024	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2025	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

You must ensure that at least three years data is provided in the application. The data for preceding years(eg. data for 2022) cannot be modified,however, you can use the copy and paste function to populate data for subsequent years. Data for expired years can be deleted.

Please upload a copy of supporting documentation for emissions loads calculations.

Show Deleted Files

Filename	Size
<input type="button" value="View..."/> <input type="button" value="Save as..."/> <input type="button" value="Upload New File"/>	

(iv) Monitoring Plan and Monitoring Reports

Monitoring Plan and Monitoring Reports

Please provide an outline of any proposed measures to monitor emissions from the combustion installation equipment on the offshore installation (platform) that is the subject of the permit application, or from individual items of combustion installation equipment on the offshore installation (platform), for all permit applications, permit variations and/or substantial change assessments. Where there are no proposed measures, any subsequent permit issued in response to this application will include a requirement to undertake a monitoring programme.

Please also upload the emission monitoring reports which have been carried out in compliance with permit conditions and in accordance with the monitoring plan.

Show Deleted Files

Filename	Size
<input type="button" value="View..."/> <input type="button" value="Save as..."/> <input type="button" value="Upload New File"/>	

Alternatively, if the Monitoring Plan is included in another uploaded document, please confirm this using the free text box below.