

Annex 1: AN/CP5 – FSU Auxiliary Diesel Generator 2

1. Location Code from Section 3.1: **CP5**

2. Rated Thermal Input (MW_{Th}): **4.5**

A Warranted Engineer's declaration/ calculation of the rated thermal input of the combustion plant is to be provided as **AN/CP5/A**.

3. Category:

Diesel Engine	<input checked="" type="checkbox"/>	
Dual Fuel Engine	<input type="checkbox"/>	
Gas Turbine	<input type="checkbox"/>	
Other Engines	<input type="checkbox"/>	Kindly Specify: Click or tap here to enter text.
Other MCP	<input type="checkbox"/>	Kindly Specify: Click or tap here to enter text.

4. Fuel Category:

Solid Biomass	<input type="checkbox"/>
Other Solid Fuel	<input type="checkbox"/>
Gas Oil	<input checked="" type="checkbox"/>
Liquid Fuel other than Gas Oil	<input type="checkbox"/>
Natural Gas	<input type="checkbox"/>
Other Fuel other than Natural Gas	<input type="checkbox"/>

5. Fuel Use and Ratio:

	Fuel Category	Fuel Used per Annum	Fuel Ratio (%) – If Applicable
Fuel 1	Gas Oil	128.04 mT	N/A

6. Annual Fuel Consumption: **128.04 mT**

7. Is MCP already installed on site? **Yes**

If **No**, Point **8** and **9** are to be left blank.

If **Yes**, Point **10** is to be left blank.

8. Date of Start of the operation of MCP: **16/01/2017**

In the case of the date of start of operation being before 20th December 2018, proof of this is required. This is to be provided as **AN/CP5/B**.

9. Annual operating hours of the MCP for the last five years and average calculation:

Year	Average Annual Operating Hours
2018	1023.4
2019	1139.9

(2018 & 2019) Rolling Average	1081.65
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10. Expected annual operating hours: [Click or tap here to enter text.](#)

11. If the MCP is not used (as per average stated in Point 9) or is expected to be not used (as per point 10) for more than 500 hours annually, a signed declaration stating that the combustion plant will not be used for more than 500 hours annually is to be provided as **AN/CP5/C**.

12. Average load in use (%): **20**

13. Are emissions currently monitored? No

If **Yes**, the latest monitoring results are to be provided as **AN/CP5/D**.

14. Yearly waste gas flow rate: **25687 thousand m³/year**

15. Number of Stacks: **1**

16. Height and Location of Stacks:

In the Emission Code Column, XXX is to be replaced with the Combustion Plant code provided in Point 1.

Stack Number	Emission Code	Stack Height (m)	GIS Coordinates of Stack
1	CP5/1	18	x- coordinates 459756.48 y-coordinates 3965156.77

17. Attachment Summary

Attachment	Provided (Tick if Yes)
A	<input checked="" type="checkbox"/>
B	<input checked="" type="checkbox"/>
C	<input checked="" type="checkbox"/>
D	<input type="checkbox"/>

Further attachments as deemed necessary by applicant are to be listed below and labelled using the same method as described above and using the correct letter.

Attachment	Description
E	Yearly waste gas flow calculation