

# Annex 1: AN/CP6 – Inert Gas Generator

1. Location Code from Section 3.1: **CP6**

2. Rated Thermal Input ( $MW_{Th}$ ): **14.33**

A Warranted Engineer's declaration/ calculation of the rated thermal input of the combustion plant is to be provided as **AN/CP6/A v2.0**.

3. Category:

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

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	900 kg	N/A

6. Annual Fuel Consumption: **900kg (based on yearly average) 28,800kg (based on expected annual operating hours)**

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: **10/09/2016**

In the case of the date of start of operation being before 20<sup>th</sup> December 2018, proof of this is required. This is to be provided as **AN/CP6/B**.

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

Year	Average Annual Operating Hours
2018	1
2019	2

(2018 & 2019) Rolling Average	1.5
----------------------------------	-----

10. Expected annual operating hours: **48**

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/CP6/C**.

12. Average load in use (%): **50**

13. Are emissions currently monitored? No

If **Yes**, the latest monitoring results are to be provided as **AN/CP6/D**.

14. Yearly waste gas flow rate: **9.75 thousand Nm<sup>3</sup>/year (based on yearly average) 312 thousand Nm<sup>3</sup>/year (based on expected annual operating hours)**

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	CP6/1	4	x- coordinates 459771.98 y-coordinates 3965155.31

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 v2.0