

Attachment-4-10-7-IED Chapter III

1.0 APPLICABLY ASSESSMENT OF CHAPTER III OF THE INDUSTRIAL EMISSIONS DIRECTIVE

In accordance with the EPA guidance this document sets out a brief description as to why Chapter III of the *Directive 2010/75/EU of the European Parliament and of the Council of 24 November 2010 on industrial emissions (integrated pollution prevention and control)*¹ hereafter referred to as the 'the Industrial Emissions Directive or IED' is not applicable to the facility subject to this licence application.

Chapter III of the industrial emissions Directive sets out special provisions for Large Combustion Plants (LCP). A combustion plant is a technical apparatus in which fuel is oxidised to use the heat generated.

Large Combustion Plants (LCPs) have a total rated thermal input equal to or greater than 50 MW, irrespective of the type of fuel used. The largest individual emergency back-up generators proposed at the facility are 5.44-megawatt thermal (MW_{th}). The individual plant are below the 50 MW_{th} capacity threshold.

Under the aggregation provisions set out in Article 29 of the IED the total rated thermal input is subject to a capacity calculation.

IED Article 29 Aggregation rules

- 1. Where the waste gases of two or more separate combustion plants are discharged through a common stack, the combination formed by such plants shall be considered as a single combustion plant and their capacities added for the purpose of calculating the total rated thermal input.*
- 2. Where two or more separate combustion plants which have been granted a permit for the first time on or after 1 July 1987, or the operators of which have submitted a complete application for a permit on or after that date, are installed in such a way that, taking technical and economic factors into account, their waste gases could in the judgement of the competent authority, be discharged through a common stack, the combination formed by such plants shall be considered as a single combustion plant and their capacities added for the purpose of calculating the total rated thermal input.*
- 3. For the purpose of calculating the total rated thermal input of a combination of combustion plants referred to in paragraphs 1 and 2, individual combustion plants with a rated thermal input below 15 MW shall not be considered.*

As noted above, the largest individual emergency back-up generators proposed at the facility are 5.44-megawatt thermal (MW_{th}). Article 29(3) states that individual combustion plants with a rated thermal input below 15 MW shall not be considered as part of the aggregation calculation. Therefore, the special provisions set out in Chapter III of the IED do not apply to this plant.

¹ <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32010L0075>