

Tottenham Hale Island Site – Condition E16

This document has been prepared to discharge condition
E16 – Back-Up Diesel Generators – Details of EU Stage V Emission Standards Compliance
HGY/2018/2223. Site Wide Condition E16 states:

"Prior to the installation of back up diesel generators on the application site, details of generator compliance with EU Stage V Emission Standards for Generator Set Engines shall be provided in writing to and for approval by the Local Planning Authority. Installation shall be in compliance with the approved details and maintained thereafter."

Please refer to the relevant details appended as follows:

➤ Technical Submittal No. TH-IS-03-001-X-012922-60-923

Please note that the proposed engine complies with emission legislation for stationary standby application. The 'Medium Combustion Plant Directive (MCPD)' does not apply to this Generator application, which came into effect from 1st January 2019, due to its infrequent use where EU Stage V emission standards are not required. The low run time brings it under the requirement of the EU Stage V emission standards. The emergency system is only in operation if there is total power failure to the building and will be used exclusively to power critical life-safety systems.

Emergency backup generators

From 1 January 2019, a backup generator only used to provide power at a site during an emergency is excluded.

For an on-site emergency, there's no restriction on the total number of hours:

- a backup generator can operate for (operators must try to reduce the period and frequency of emergency use 'black start' backup generators can operate for)
- the number of hours you can test backup generators:
 - You must not carry out more than 50 hours testing a year for each backup generator.
 - For each backup generator, you must record the number of hours you test during the year. This is to demonstrate that you meet the exclusion criteria.

We trust this is sufficient to discharge the applicable condition, but should you require any additional information please don't hesitate to contact EDC.

Yours sincerely,



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