

Notice of request for more information

Environmental Permitting (England and Wales)
Regulations 2010

Notice requiring further information

To: Michelle Goddard
Hazrem Environmental Limited
Fern Close
Pen y Fan Industrial Estate
Crumlin
NP11 3EH

Application number: PAN 000061

Natural Resources Wales, in exercise of its powers under paragraph 4 of Part 1 of Schedule 5 of the above Regulations, requires you to provide the information detailed in the attached schedule. The information is required in order to determine your application for a permit, dated 16th October 2015. The information requested should be sent to the following address by **30th August 2016**.

Information should be sent to:

Permitting Service
Natural Resources Wales
Cambria House
29 Newport Road
Cardiff
CF24 0TP

Name	Date
Anna Lewis	16 th August 2016

Anna Lewis, Principal Permitting Officer

Authorised on behalf of Natural Resources Wales

Ffôn/Tel 03000 654358
Ebost/Email anna.lewis@cyfoethnaturiolcymru.gov.uk
anna.lewis@naturalresourceswales.gov.uk

Gwasanaeth Trwyddedu Cymru, Cyfoeth Naturiol Cymru, Tŷ Cambria, 29 Heol Casnewydd, Caerdydd. CF24 0TP
Wales Permitting Service, Natural Resources Wales, Cambria House, 29 Newport Road, Cardiff. CF24 0TP

Gwefan/Website www.cyfoethnaturiolcymru.gov.uk
www.naturalresourceswales.gov.uk

Croesewir gohebiaeth yn y Gymraeg a'r Saesneg
Correspondence welcomed in Welsh and English

Air Emissions Modelling Verification

In order to ensure that the concentration of NO_x releases (300mg/Nm³) used in the modelling work to assess the impact of the proposed Hazrem facility on ambient Air Quality is realistic please provide the following information:

1. Predicted concentrations of ammonia (and other nitrogen containing gases) in the air extracted from the waste reception area..
2. The volumetric flow rate of the air being extracted from the waste reception area through the RTO.
3. A written assessment of the fate of ammonia and other nitrogen containing gases as they are treated in the RTO and their impact on the overall NO_x emissions from the site
4. Prediction of the concentration of NO_x resulting from the burning of natural gas in the RTO and the gas flow rate exiting the RTO both as maximum operating capacity.
5. The manufacturer's specification for the dryer. The specification shall state the concentration of NO_x produced by the dryer and the flow rate of emissions from the dryer operating at maximum rate.

Based on the information requested above calculate the concentration of release of NO_x and the volumetric flow through the stack to the external atmosphere. Where applicable the temperature and moisture content of the specific gas streams should also be predicted (with justification).

End of Schedule.