

Haines, Neil

From: Thomas, Kirsty <Kirsty.Thomas@cyfoethnaturiolcymru.gov.uk>
Sent: 27 June 2024 13:36
To: Quinn, Peter; Haines, Neil; Ace, Nathan; Thomas, Matthew; Barrett, Jamie
Cc: Walters, Jeremy; Poole, David; Morgan, Rhodri; industryregulation.swwales
Subject: Variation application - package boilers - NRW response

External email

Hello all

Natural Resources Wales (NRW) has completed the assessment of environmental impacts of your proposal to install three Medium Combustion Plant (MCP) boilers at the Port Talbot site, whilst at the same time ceasing to burn coke oven gas on the site, or to use the existing service boilers. We can inform you that your proposal has been accepted, and you have permission to proceed with the installation of these boilers under the environmental permit EPR/BL7108IM.

Our assessment of your application included the following:

1. Review of the submitted documentation, including the environmental risk assessment and air emissions screening.
2. Evaluation of the proposed boilers' specifications and their compliance with MCP regulations.
3. Consideration of potential environmental impacts, including air quality, noise, and effect on protected sites (SAC, SPA, RAMSAR, SSSI).

Based on our assessment, we determined that the proposed installation meets the necessary environmental standards and regulatory requirements. However, we requested additional information on specific aspects of your proposal, which you have satisfactorily addressed:

1. Noise impacts: You provided a justification explaining why noise does not need to be considered further. The simple and precautionary noise estimates showed a sound power level of 46 dB(A) at receptors, which is considered small to insignificant and within typical background levels for urban areas.
2. Waste gas temperature: We asked you to rerun the SCAIL screening tool using the lower temperature range of 150-170°C, as initially stated in your documentation. The updated SCAIL model results confirmed that emissions still screen out at this lower temperature.
3. Water supply: You confirmed that existing infrastructure will be used to supply water to the new boilers, with approximately 30 meters of new pipework installed to feed the new feedwater tanks from an existing supply main.
4. Temporary boilers timeline: You provided an indicative timeline of 2-3 years for the temporary boilers to be in place, subject to design completion, funding approval, and procurement processes.

Based on the information provided and our assessment, we are satisfied that the proposed installation of three MCP boilers at the Port Talbot site can proceed. Please note you must operate according to the terms you have outlined in your correspondence with us. Please also

ensure that you adhere to all relevant environmental regulations and best practices during the installation and operation of these boilers. MCPD requirements are for monitoring to take place within four months of the issue date of this permit or the date of when the MCP is first put into operation, whichever is later – please schedule in first monitoring accordingly and submit results to NRW.

Next steps

Your permit will now need to be updated to reflect these changes. In order to complete the process we require you to submit Part F of the application form (<https://naturalresources.wales/media/0meneevg/part-f1-form-banding-tool.docx>), which includes the declaration. Additionally, please provide the appropriate fee for a new Medium Combustion Plant (MCP). The fee for this type of application is £3,906 ([Natural Resources Wales / Charges for medium combustion plant and specified generator permit applications](#)). Once we formally receive the permit variation application (information already sent plus the completed Part F form and the correct fee), we will be able to fully process your application, however this letter meanwhile confirms that you may proceed with the boiler installation whilst the permit is updated.

Kind regards

Kirsty Thomas

Swyddog Arbenigol – Rheoleiddio Diwydiant a Gwastraff / Lead Specialist – Industry and Waste

Tîm Rheoleiddio Diwydiant De-Orllewin Cymru / South West Wales Industry Regulation Team

Rhif ffon / Phone number: 03000 65 4553 / 07977783761

Rhagenwau / Pronouns: **Hi** / She/Her

Croesewir gohebiaeth yn Gymraeg a byddwn yn ymateb yn Gymraeg, heb i hynny arwain at oedi.

Correspondence in Welsh is welcomed, and we will respond in Welsh without it leading to a delay.



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