



UK Health
Security
Agency

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Environmental Protection,
ESC (East Suffolk Council),
Riverside,
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NR33 0EQ

20 October 2023

Dear Sir/Madam

Re: Environmental Permit Application for V.C Cooke Ltd, Ellough Road, Beccles, NR34 7TQ.
Application Reference: 23/07248/PPCAPP

Thank you for forwarding a copy of this application to the UK Health Security Agency (UKHSA) on 20 September 2023.

The main emissions of potential concern within this permit application are point source emissions to atmosphere from the combustion of non-hazardous RDF waste. These include nitrogen oxides (NO_x), sulphur dioxide (SO₂), other acid gases (hydrogen chloride (HCl) and hydrogen fluoride (HF)), dioxins, heavy metals, and particulate matter.

Having reviewed the information submitted in support of the application, we are reassured that modelled pollutants from process emissions arising from the proposed activity are not predicted to exceed relevant UK Air Quality Strategy (AQS) objectives at those receptors in the locality that are representative of public health. The assessment has adopted worst case emissions for modelling assumptions and includes existing contributions to background concentrations. We however recommend that the regulator satisfies itself that the modelling assumptions used to reach these conclusions are appropriate and valid.

Reducing public exposures to non-threshold pollutants (such as particulate matter and nitrogen dioxide) below air quality standards has potential public health benefits. Therefore, we support approaches which minimise or mitigate public exposure to non-threshold air pollutants and address inequalities (in exposure) and encourage their consideration during site design, operational management, and regulation.

Based on the information contained in the application supplied to us, UKHSA has no significant concerns regarding the risk to the health of the local population from the installation.

This consultation response is based on the assumption that the permit holder shall take all appropriate measures to prevent or control pollution, in accordance with the relevant sector guidance and industry best practice.

Yours sincerely,

Haymond Lam
Environmental Public Health Scientist
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cc: UKHSA East of England Health Protection Team and
East Sussex Council Public Health Team