

Permitting Decisions- Variation File

Note

We have decided to grant the variation for Whitwell Quarry Lime works operated by Steetley Dolomite Limited.

The variation number is EPR/BL3269IH/V010.

The permit was issued on 16/12/2024.

The minor technical variation is for the use of a new sustainable biomass fuel (virgin wood pellets) - a non-waste wood fuel, following a successful trial in 2023.

About this Installation – in relation to the variation content

The site currently utilises a range of fossil-fuels (petcoke and coal) and waste derived fuels (solvent derived fuel and tyre derived fuel). The introduction of this new biomass fuel will reduce the reliance on fossil fuel usage supporting a reduction in the CO₂ footprint from the Installation.

Status of Fuel Biomass

The wood pellets are considered both Forest Stewardship Council (FSC) 100% certified and Sustainable Biomass Program (SBP) compliant. The fuel is not considered a waste, it is not subject to annex VI (co-incineration) of the Industrial Emissions Directive.

Impact from use of this fuel (trial undertaken in 2023)

There will be no changes to existing emission performance from the use of this fuel.

The applicant provided additional information dated 19/06/2024 and 24/06/2024 in order to confirm:-

- No changes to the existing / current emission performance
- No changes required to ELVs (as a result of the above)

Two months of comparison data have been provided: April 2021 (without wood) and March 2023 (with wood) based on monthly CEMs reports. Fluctuations to SO₂ values (for W1 kiln and when making sintered dolime) relate to fuel mix and

sulphur content of the coal and not attributable to wood fuel. The data shows no changes to existing emission performance or need to alter existing emission limit values.

Other considerations:

- Fire Prevention Plan. The requirement to provide a fire prevention plan only relates to the storage of combustible wastes, and as this fuel is not a waste therefore not required.
- Odour and Noise. The Installation is permitted to handle a range of fossil-fuels and waste derived fuels (as referred above). We do not consider that biomass wood will increase any existing impacts from the Installation.
- The operator has confirmed no changes to monitoring.
- The operator has confirmed no changes to existing infrastructure: equipment utilised for storage, dosing, burning and abatement, which has successfully been used for fossil-fuels and waste derived fuels will be also used for Biomass Wood.

We consider in reaching that decision we have taken into account all relevant considerations and legal requirements and that the consolidated permit will ensure that the appropriate level of environmental protection is provided.

End of File Note.

Name: Mark Taylor

Date: 16/12/2024