

Emissions Calculator

Gas Conc. (mg/Nm³)

Volume flux (Nm³/s)

Emission Rate (g/s)

Stack Gas velocity m/s

SO₂ Emission rate Tonnes per year

NO_x Emission rate Grams per second

PM₁₀ Emission rate Tonnes per year

Stack Grid Reference Landranger x,y

Plant Capacity Megawatt Sulphurous non-Sulphurous

Designated Site details:

Search Radius km

No. of Designated Sites 0 found

User specified site

Site Name

Site Location Landranger x,y

Habitat within site

Human Health Receptor Details

Receptor PM₁₀ percentile

Receptor Name

Receptor Location Landranger x,y

NYMNP
05/11/2021

⚠ Not secure | www.scail.ceh.ac.uk/cgi-bin/combustion/background_check.pl?habitat=...

Background Levels and Critical Loads

Region: England

Gridreference: 499166,496269

Habitat: please select...

Concentrations/Depositions and Critical Loads	Conc NOx (µg/m ³)	Conc SO ₂ (µg/m ³)	N Dep. kg N/ha/yr	Acid Dep. kEq H ⁺ /ha/yr
Background concentration to habitat	6.85	.65		
Background deposition to habitat			16.80	1.39
Critical Load / Level	30	20	-	0.00 [MaxN:0.00 MinN:0.00 MaxS:0.00]

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Location DetailsSelect Country **Installation Details**Installation Installation Name Installation Location Landranger x,y
Stack details:Stack Stack Name New or Existing Stack Height metresStack inner diameter metresStack Gas Temperature °CStack Gas Velocity m/sSO2 Emission rate Tonnes per yearNOX Emission rate Grams per secondPM10 Emission rate Tonnes per yearStack Grid Reference Landranger x,y
Plant Capacity Megawatt Sulphurous non-Sulphurous

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