

NO_x Emissions from Biomass Combustion Stacks (Individual Installations) - 1-Hour Mean NO₂ Objective

Additional Comments/Information

The target emissions of NO_x in g/s from biomass combustion source emissions are calculated for your given stack details.
Greater emission rates may result in exceedance of the 1-hour mean objective for NO₂.

Enter required information in Yellow Cells
Resulting Emission in Red Bold

Building height	<input type="text" value="8.4"/>	m
Stack diameter	<input type="text" value="0.25"/>	m
Stack height	<input type="text" value="12.7"/>	m
Location	<input type="text" value="Scotland"/>	
NO ₂ Annual mean background concentration (include roadside contribution at relevant receptors)	<input type="text" value="2.480309"/>	µg/m ³
Calculated Effective stack height	<input type="text" value="7.2"/>	m
Target Emission Rate	<input type="text" value="0.3263"/>	g/s

If the maximum stack emission rate is less than the target above then it is not likely that the 1-hour mean objective for NO₂ will be exceeded. If your emissions are greater then please refer to LAQM.TG(16) for further advice.

