

PM₁₀ Emissions from Biomass Combustion Stacks (Individual Installations)

Additional Comments/Information

The target emissions of PM₁₀ in g/s from biomass combustion source emissions are calculated for your given stack details. Greater emission rates may result in exceedance of the 24-hour objective for PM₁₀ in England, Wales and Northern Ireland or the annual mean objective in Scotland.

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"/>	
PM ₁₀ Annual mean background concentration (include roadside contribution at relevant receptors)	<input type="text" value="10.740143"/>	µg/m ³
Calculated Effective stack height	<input type="text" value="7.2"/>	m
Target Emission Rate	<input type="text" value="0.0571"/>	g/s

If the maximum stack emission rate is less than the target above then it is not likely that the most stringent objective for PM₁₀ will be exceeded. If your emissions are greater then please refer to LAQM.TG(16) for further advice.

