

PM₁₀ Emissions from Biomass Combustion Stacks (Combined Installations)

Additional Comments/Information

The annual emissions from a 500m × 500m square (the threshold emissions density) that may give rise to an exceedance of the annual mean objective (in Scotland) / 24-hour mean objective (Rest of UK) for PM₁₀ for a particular background concentration.

Note, for the purpose of this tool, the following is typically assumed for Area Type:

Enter required information in Yellow Cells
Resulting Emission in Red Bold

Location

Scotland

Area Type

Village

PM₁₀ Annual mean background concentration
(include roadside contribution at relevant receptors)

12

Threshold Emission Density

3810 kg/year

- Village ~ 1km²
- Small Town ~ 4km²
- Large Town ~ 16km²

If the emissions density is less than the Threshold Emissions Density, then it is not likely that the most stringent objective for PM₁₀ will be exceeded. If it exceeds the Threshold Emissions Density, then the authority should proceed to detailed dispersion modelling and/or monitoring - please refer to LAQM.TG(16) for further advice.

