

**From:** Alastair Wolff [mailto:alastair.wolff@atesta.co.uk]  
**Sent:** Saturday, July 8, 2023 3:45 PM  
**To:** Mike Thompson [mailto:mike.thompson@atesta.co.uk]  
**Cc:** James Harmer [mailto:james.harmer@atesta.co.uk]; Matt Pendlebury [mailto:matt.pendlebury@atesta.co.uk]  
**Subject:** Your Reports from Atesta Ltd are attached. [Job Number: JOB-748]

Hi Mike,

James and Matt have completed your new D1 **stack** height calculations, based on the most recent sets of emissions testing (with the new Burners in place).

The reports attached are based on your current ELV (emissions limit value) of 50 mg/m<sup>3</sup> for particulate matter – and as you will see, the new minimum **stack heights** are calculated to be 14M and 13M respectively. This is the same as before for E1, but a reduction of 1M for E2.

When we alter (reduce) the ELVs, the minimum **stack heights** can be reduced as follows:

#### E1 – Aggregate Dryer

| Particulate Emission Limit     | Calculated Stack Height |
|--------------------------------|-------------------------|
| 50 mg/m <sup>3</sup> (current) | 14m                     |
| 40 mg/m <sup>3</sup>           | 13m                     |
| 30 mg/m <sup>3</sup>           | 12m                     |
| 20 mg/m <sup>3</sup>           | 11m                     |
| 10 mg/m <sup>3</sup>           | 9m                      |

#### E2 – ST Dryer

| Particulate Emission Limit     | Calculated Stack Height |
|--------------------------------|-------------------------|
| 50 mg/m <sup>3</sup> (current) | 13m                     |
| 40 mg/m <sup>3</sup>           | 13m                     |
| 30 mg/m <sup>3</sup>           | 12m                     |
| 20 mg/m <sup>3</sup>           | 12m                     |
| 10 mg/m <sup>3</sup>           | 11m                     |

I hope this all makes sense, and if you or your EHO have any questions regarding these new reports, please don't hesitate to call or email me.

Many thanks indeed.

Kind regards,

Alastair