

Appendix F4 – Figure 2

Particulate mg/m³

Particulate emission measurements are generally associated with wood burning (biomass) or heavy fuel oil. It is not a requirement under the CE testing for these light fuel oil burners to be tested for particulate emissions, but the measured unburnt fuel (smoke) levels for the RL28 is 10mg/kWh net fuel CV or 9mg/kWh on a gross CV.

Sulphur Dioxide mg/m³

Based on the fuel data sheet you sent the fuel oil has a maximum sulphur content of 0.002% m/m therefore the **theoretical SO₂ emission** is approximately 3.7mg/kWh net CV (approximately 4.3mg/m³ @0% O₂ dry flue gases)

Oxides of Nitrogen mg/m³

It is not really possible to give a definitive NOx emission for the RL28 in this installation as it is fuel nitrogen dependant however, as a guide the **theoretical NOx emissions** is approximately < 230mg/m³ at 0% O₂ dry flue gas.

Please keep in mind that the above figures quoted are **theoretical based**, and as such Remeha cannot guarantee these figures. Age of equipment, condition of the burner and boiler and flue conditions can all have an impact on the emissions you have requested. If you require any further information please do not hesitate to contact us.

Regards,

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