

EMISSION STANDARDS FOR AGRICULTURAL BOILERS AND HEATERS FUELLED BY BIOMASS

Agricultural operations can only use the following fuels for boilers or heaters:

- Biomass, natural gas, propane, low-sulphur fuel, biogas, or landfill gas.

All agricultural boilers or heaters with a capacity greater than 1 MW (or when capacity of any boiler or heater is increased in capacity by 25% or more) and fuelled by biomass must be tested for particulate matter:

- Within six months of installation (or increase in capacity to over 1 MW),
- At least once during each heating season,
- When the boiler or heater is working at a minimum of 75% of its capacity,
- If directed to by the Ministry.

All agricultural boilers or heaters with a capacity greater than 3 MW and fuelled exclusively by manufactured wood fuel must be tested for particulate matter:

- Within six months of installation,
- At least once during every second heating season thereafter,
- If directed to by the Ministry.

Boilers or heaters used in an agricultural operation and fuelled by biomass must meet limits of an:

Boiler Capacity (MW)	Opacity (%)	Particulate matter (mg/m ³)
>3	10	35
1 - 3	10	50
<1	20	120

Failure to achieve these limits could result in an Administrative Penalty of up to \$75,000.

If the limit for particulate matter is not met during testing a boiler or heater, the person carrying out the agricultural operation must immediately inform the Manager of the Ministry of Environment, take corrective action within 30 days, and re-test the boiler or heater.

If the Ministry requires that an agricultural operation maintain records and supporting documentation, these must be kept for a minimum of three years. Should the Ministry request this information, it must be provided within five business days. **Failure to maintain or submit these records could result in an Administrative Penalty of up to \$10,000.**

OPERATIONS WITHIN METRO VANCOUVER MUST ALSO MEET GVRD BY-LAWS FOR AIR EMISSIONS.