

D. EU005, EU006 – 6.5 MMBtu/hr Natural Gas-Fired Consumat Model C-325PA Pathological Furnace (Incinerator) (EU005), 3.5 MMBtu/hr Natural Gas-Fired Consumat Model C-225P Pathological Furnace (Incinerator) (EU006)

Condition(s)	Pollutant/Parameter	Permit Limit	Compliance Demonstration		Reporting Requirements
			Method	Frequency	
D.1, D.17, D.24, D.28	Incineration of Pathological Waste, HMIWI, Radioactive Waste, General Refuse	Limited Incineration Materials	Recordkeeping	Daily	Semiannual
D.2, D.17, D.24, D.28	Incinerator Operations	No Simultaneous Operation	Recordkeeping	Ongoing	Semiannual
D.3, D.17, D.24	Incinerator Charge Rate	≤ 500 lb/hr	Recordkeeping	Ongoing	Semiannual
D.4, D.18, D.25, D.28	Pathological Waste and General Refuse Incineration Limit	3504 ton/year	Recordkeeping	Monthly	Semiannual
D.5, D.19, D.27, D.28	40 CFR 60, Subpart Ce	Maintain Compliance as Applicable	Recordkeeping	As Applicable	Semiannual
D.6, D.20, D.26, D.28	Opacity	10%*	Method 9	Annual	Semiannual
D.7, D.21, D.22, D.26, D.28	PM	0.03 gr/dscf*	Method 5	Annual	Semiannual
D.8, D.21, D.22, D.26, D.28	CO	40 ppm*	40 CFR 60.56(c)	Annual	Semiannual
D.9, D.21, D.22, D.26, D.28	HCl	100 ppm*	40 CFR 60.56(c)	Annual	Semiannual
D.10, D.21, D.26, D.28	Dioxins/Furans	55 gr/billion dscf*	40 CFR 60.56(c)	As Applicable	Semiannual
D.11, D.21, D.26, D.28	SO ₂	55 ppm*	40 CFR 60.56(c)	As Applicable	Semiannual
D.12, D.21, D.26, D.28	NOx	250 ppm*	40 CFR 60.56(c)	As Applicable	Semiannual
D.13, D.21, D.26, D.28	Pb	0.52 gr/thousand dscf or 70% reduction*	40 CFR 60.56(c)	As Applicable	Semiannual
D.14, D.21, D.26, D.28	Cd	0.07 gr/thousand dscf or 65% reduction*	40 CFR 60.56(c)	As Applicable	Semiannual
D.15, D.21, D.26, D.28	Hg	0.24 gr/thousand dscf or 85% reduction*	40 CFR 60.56(c)	As Applicable	Semiannual
D.16, D.23, D.27, D.28	Monitoring	40 CFR 60.57(c)	Recordkeeping	As Applicable	Semiannual

* All emission limits contained in Section III.D.6 through Section III.D.15 are corrected to 7% O₂ where applicable (ARM 17.8.340 and 40 CFR 60, Subpart Ce).

Conditions

- D.1. RML shall not incinerate any material other than pathological waste, hospital/medical/infectious waste (HMIW) (as defined under 40 CFR 60, Subpart Ce), radioactive waste per Nuclear Regulatory Commission license, or general refuse from the facility (ARM 17.8.749).
- D.2. RML shall not operate both Consumat incinerators simultaneously (ARM 17.8.749).
- D.3. Each Consumat incinerator shall be limited to a maximum charge rate equal to or less than 500 pounds per hour (lb/hr) (ARM 17.8.749).

- (h) Any standard or other requirement for consumer and commercial products, under Sec. 7511b(e) of the FCAA;
- (i) Any standard or other requirement for tank vessels, under Sec. 7511b(f) of the FCAA;
- (j) Any standard or other requirement of the regulations promulgated to protect stratospheric ozone under Title VI of the FCAA, unless the administrator determines that such requirements need not be contained in an air quality operating permit;
- (k) Any national ambient air quality standard or increment or visibility requirement under part C of Title I of the FCAA, but only as it would apply to temporary sources permitted pursuant to Sec. 7661c(e) of the FCAA; or
- (l) Any federally enforceable term or condition of any air quality open burning permit issued by the Department under subchapter 6.

"Department" means the Montana Department of Environmental Quality.

"Excess Emissions" means any visible emissions from a stack or source, viewed during the visual surveys, that meets or exceeds 15% opacity (or 30% opacity if associated with a 40% opacity limit) during normal operating conditions.

"Emissions unit" means any part or activity of a stationary source that emits or has the potential to emit any regulated air pollutant or any pollutant listed under Sec. 7412(b) of the FCAA. This term is not meant to alter or affect the definition of the term "unit" for purposes of Title IV of the FCAA.

"FCAA" means the Federal Clean Air Act, as amended.

"Federally enforceable" means all limitations and conditions which are enforceable by the administrator, including those requirements developed pursuant to 40 CFR Parts 60 and 61, requirements within the Montana state implementation plan, and any permit requirement established pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Part 51, Subpart I, including operating permits issued under an EPA approved program that is incorporated into the Montana state implementation plan and expressly requires adherence to any permit issued under such program.

"Fugitive emissions" means those emissions that could not reasonably pass through a stack, chimney, vent, or other functionally equivalent opening.

"General air quality operating permit" or **"general permit"** means an air quality operating permit that meets the requirements of ARM 17.8.1222, covers multiple sources in a source category, and is issued in lieu of individual permits being issued to each source.

"General refuse" means household type garbage such as foodstuffs, lunchroom wastes, and drink containers; office refuse such as discarded paper, plastic, and cardboard containers; and packaging and shipping materials from incoming shipments of laboratory supplies and equipment. Such refuse shall not include electronic equipment such as computer monitors, hazardous chemicals, spent batteries, spent fluorescent bulbs, mercury containing thermostats, switches, bulbs, pesticides, and plastics containing poly vinyl chloride (PVC).

"Hazardous air pollutant" means any air pollutant listed as a hazardous air pollutant pursuant to Sec. 112(b) of the FCAA.

"Non-federally enforceable requirement" means the following as they apply to emission units in a source requiring an air quality operating permit: