

FORM B: EPA Emission Unit Classification

Description	Unit Type Code	Description	Unit Type Code
Boiler	100	Open Burning	285
Calciner	220	Open Storage Pile	785
Chemical Reactor	600	Open Tank or Vat	410
Combined Cycle (Boiler/Gas Turbine) ...	140	Other bulk material equipment	790
Conveyor	760	Other combustion	290
Cooling Tower	680	Other evaporative sources	490
Crusher	720	Other fugitive	390
Degreaser	430	Other process equipment	690
Direct-fired Dryer	250	Oxidation Unit	610
Distillation Column/Stripper	620	Printing Line	470
Dryer, unknown if direct or indirect.	255	Process Equip. & Process Area Drains	360
Duct Burner	150	Process Equip. Fugitive Leaks	350
Engine Test Cell	170	Process Heater	180
Flare	280	Reciprocating IC Engine	160
Furnace	200	Roof vents/Building vents	310
Gasoline Loading Rack or Arm	480	Screen	740
Grinder	730	Silo	780
Incinerator	270	Spray Booth or Coating Line	450
Indirect-fired Dryer	260	Storage Tank	400
Kiln	210	Transfer Point	770
Mixer	640	Turbine	120
Open Air Fugitive Source	300	Unclassified	999

FORM B: Operating Status

Operating
Temporarily Shut Down
Permanently Shut Down

FORM C2: Fuel Heat Content (defaults)

Acetylene	1,476 Btu/cu ft	LNG	88,000 Btu/gal
Alder bark dust	15,300,000 Btu/ton	Methane	1,011 Btu/cu ft
Biodiesel	140,000 Btu/gal	Natural gas	1,020 Btu/cu ft
Butane	103,000 Btu/gal	Propane – commercial	91,600 Btu/gal
Diesel No 1	137,000 Btu/gal	Propane – HD-10	91,600 Btu/gal
Diesel No 2	140,000 Btu/gal	Propane – HD-5	91,600 Btu/gal
Diesel No 4 <1.5 %S	146,000 Btu/gal	Propene	87,740 Btu/gal
Diesel No 5 <1.75 %S	148,000 Btu/gal	PS300	149,000 Btu/gal
Diesel No 6	150,000 Btu/gal	Sander dust	8,400 Btu/lb
Digester gas	600 Btu/cu ft	Sewage sludge	10,400 Btu/lb
Ethane	68,900 Btu/gal	Used oil	144,000 Btu/gal
Ethene	70,910 Btu/gal	Wood waste	8,400 Btu/lb
Isobutane	99,300 Btu/gal	Wood waste and sander dust	8,400 Btu/lb
Landfill gas	485 Btu/cu ft		

FORM D/FORM E: Estimation Codes (Est Code)

Emission Est. Code	Description	Notes
1	Continuous Emission Monitoring System	
2	Engineering Judgment	
3	Material Balance	
4	Stack Test (no Control Efficiency used)	use if source is uncontrolled or if test was after controls
5	EPA Speciation Profile	use where emissions for one pollutant were derived as a fraction of or ratio to another pollutant's emissions
6	State/Local Air Agency Speciation Profile	use where emissions for one pollutant were derived as a fraction of or ratio to another pollutant's emissions
7	Manufacturer Specification	
8	EPA Emission Factor (no Control Efficiency used)	use if source and Emission Factor are uncontrolled or if Emission Factor itself accounts for controls without need to apply a control efficiency in emissions calculation
9	State/Local Air Agency Emission Factor (no Control Efficiency used)	use if source and Emission Factor are uncontrolled or if Emission Factor itself accounts for controls without need to apply a control efficiency in emissions calculation
10	Site-Specific Emission Factor (no Control Efficiency used)	use if source and Emission Factor are uncontrolled or if Emission Factor itself accounts for controls without need to apply a control efficiency in emissions calculation
11	Vendor Emission Factor (no Control Efficiency used)	use if source and Emission Factor are uncontrolled or if Emission Factor itself accounts for controls without need to apply a control efficiency in emissions calculation
12	Trade Group Emission Factor (no Control Efficiency used)	use if source and Emission Factor are uncontrolled or if Emission Factor itself accounts for controls without need to apply a control efficiency in emissions calculation
13	Other Emission Factor (no Control Efficiency used)	use if source and Emission Factor are uncontrolled or if Emission Factor itself accounts for controls without need to apply a control efficiency in emissions calculation
24	Stack Test (pre-control) plus Control Efficiency	use if test was before controls and therefore a control efficiency was also used in emissions calculation
28	EPA Emission Factor (pre-control) plus Control Efficiency	use if Emission Factor was before controls and therefore a control efficiency was also used in emissions calculation
29	State/Local Air Agency Emission Factor (pre-control) plus Control Efficiency	use if Emission Factor was before controls and therefore a control efficiency was also used in emissions calculation

Emission Est. Code	Description	Notes
30	Site-Specific Emission Factor (pre-control) plus Control Efficiency	use if Emission Factor was before controls and therefore a control efficiency was also used in emissions calculation
31	Vendor Emission Factor (pre-control) plus Control Efficiency	use if Emission Factor was before controls and therefore a control efficiency was also used in emissions calculation
32	Trade Group Emission Factor (pre-control) plus Control Efficiency	use if Emission Factor was before controls and therefore a control efficiency was also used in emissions calculation
33	Other Emission Factor (pre-control) plus Control Efficiency	use if Emission Factor was before controls and therefore a control efficiency was also used in emissions calculation
40	Emission Factor based on Regional Testing Program	
41	Emission Factor based on data available peer reviewed literature	
42	Emission Factor based on Fire Emission Production Simulator (FEPS)	