

- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
 - c. This permit supersedes all operating permit(s) issued for this location.
- 2a. The drum-mix asphalt plant is subject to the New Source Performance Standards (NSPS) for Hot Mix Asphalt Facilities, 40 CFR 60, Subparts A and I. The Illinois EPA is administering the NSPS in Illinois on behalf of the United States EPA under a delegation agreement.
- b. Pursuant to 40 CFR 60.92, on and after the date on which the performance test required to be conducted by 40 CFR 60.8 is completed, no owner or operator subject to the provisions of 40 CFR 60 Subpart I shall discharge or cause the discharge into the atmosphere from any affected facility any gases which:
 - i. Contain particulate matter in excess of 90 mg/dscm (0.04 gr/dscf).
 - ii. Exhibit 20 percent opacity or greater.
- 3a. The crushers, screens, and conveyors are subject to the New Source Performance Standards (NSPS) for Nonmetallic Mineral Processing Plants, 40 CFR 60 Subparts A and 000. The Illinois EPA is administering the NSPS in Illinois on behalf of the United States EPA under a delegation agreement.
- b. Pursuant to 40 CFR 60.670(a)(1), except as provided in 40 CFR 60.670(a)(2), (b), (c), and (d), the provisions of 40 CFR 60 Subpart 000 are applicable to the following affected facilities in fixed or portable nonmetallic mineral processing plants: each crusher, grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, enclosed truck or railcar loading station. Also, crushers and grinding mills at hot mix asphalt facilities that reduce the size of nonmetallic minerals embedded in recycled asphalt pavement and subsequent affected facilities up to, but not including, the first storage silo or bin are subject to the provisions of 40 CFR 60 Subpart 000.
 - c. Pursuant to 40 CFR 60.672(b), affected facilities must meet the fugitive emission limits and compliance requirements in Table 3 of 40 CFR 60 Subpart 000 (see also Attachment B) within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup as required under 40 CFR 60.11. The requirements in Table 3 of 40 CFR 60 Subpart 000 (see also Attachment B) apply for fugitive emissions from affected facilities without capture systems and for fugitive emissions escaping capture systems.

- d. Pursuant to 40 CFR 60.672(d), truck dumping of nonmetallic minerals into any screening operation, feed hopper, or crusher is exempt from the requirements of 40 CFR 60.672.
- e. Pursuant to 40 CFR 60.672(e), if any transfer point on a conveyor belt or any other affected facility is enclosed in a building, then each enclosed affected facility must comply with the emission limits in 40 CFR 60.672(a) and (b), or the building enclosing the affected facility or facilities must comply with the following emission limits:
 - i. Fugitive emissions from any building openings (except for vents as defined in 40 CFR 60.671) must not exceed 7 percent opacity; and
 - ii. Vents (as defined in 40 CFR 60.671) in the building must meet the applicable stack emission limits and compliance requirements in Table 2 of 40 CFR 60 Subpart 000.
- 4a. The diesel-powered generators are subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines, 40 CFR 63 Subparts A and ZZZZ. The Illinois EPA is administering the NESHAP in Illinois on behalf of the United States EPA under a delegation agreement.
- b. Pursuant to 40 CFR 63.6595(a)(1), if you have an existing stationary RICE, excluding existing non-emergency CI stationary RICE, with a site rating of more than 500 brake HP located at a major source of HAP emissions, you must comply with the applicable emission limitations and operating limitations no later than June 15, 2007. If you have an existing non-emergency CI stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions, an existing stationary CI RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions, or an existing stationary CI RICE located at an area source of HAP emissions, you must comply with the applicable emission limitations and operating limitations no later than May 3, 2013.
- c. Pursuant to 40 CFR 63.6603, compliance with the numerical emission limitations established in 40 CFR 63 Subpart ZZZZ is based on the results of testing the average of three 1-hour runs using the testing requirements and procedures in 40 CFR 63.6620 and Table 4 to 40 CFR 63 Subpart ZZZZ (see also Attachment E).
- d. Pursuant to 40 CFR 63.6603(a), if you own or operate an existing stationary CI RICE located at an area source of HAP emissions, you must comply with the requirements in Table 2d to 40 CFR 63 Subpart ZZZZ (see also Attachment C) and the operating limitations in Table 2b to 40 CFR 63 Subpart ZZZZ which apply to you.
- 5a. The 500 gallon gasoline tank associated with the drum-mix asphalt plant is subject to the National Emission Standard for Hazardous Air Pollutants (NESHAP) for Source Category: Gasoline Dispensing

Facilities, 40 CFR 63, Subparts A and CCCCCC. The Illinois is administrating the NESHAP on behalf of the USEPA under a delegation agreement.

- b. Pursuant to 40 CFR 63.11111(a), the affected source to which 40 CFR 63 Subpart CCCCCC applies is each gasoline dispensing facility (GDF) that is located at an area source. The affected source includes each gasoline cargo tank during the delivery of product to a GDF and also includes each storage tank.
- c. Pursuant to 40 CFR 63.11111(b), if your GDF has a monthly throughput of less than 10,000 gallons of gasoline, you must comply with the requirements in 40 CFR 63.11116.
- d. Pursuant to 40 CFR 63.11116(a), you must not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following:
 - i. Minimize gasoline spills;
 - ii. Clean up spills as expeditiously as practicable;
 - iii. Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use;
 - iv. Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.
- e. Pursuant to 40 CFR 63.11116(c), you must comply with the requirements of 40 CFR 63 Subpart CCCCCC by the applicable dates specified in 40 CFR 63.11113.
- 6a. Pursuant to 35 Ill. Adm. Code 212.123(a), no person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit other than those emission units subject to 35 Ill. Adm. Code 212.122.
- b. Pursuant to 35 Ill. Adm. Code 212.123(b), the emission of smoke or other particulate matter from any such emission unit may have an opacity greater than 30 percent but not greater than 60 percent for a period or periods aggregating 8 minutes in any 60 minute period provided that such opaque emissions permitted during any 60 minute period shall occur from only one such emission unit located within a 305 m (1000 ft) radius from the center point of any other such emission unit owned or operated by such person, and provided further that such opaque emissions permitted from each such emission unit shall be limited to 3 times in any 24 hour period.

- c. Pursuant to 35 Ill. Adm. Code 212.301, no person shall cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity, that is visible by an observer looking generally toward the zenith at a point beyond the property line of the source.
- d. Pursuant to 35 Ill. Adm. Code 212.321(a), no person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit which, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in 35 Ill. Adm. Code 212.321(c).
- 7a. Pursuant to 35 Ill. Adm. Code 214.122(b)(2), no person shall cause or allow the emission of sulfur dioxide into the atmosphere in any one hour period from any new fuel combustion source with actual heat input smaller than, or equal to, 73.2 MW (250 mmBtu/hour), burning liquid fuel exclusively to exceed 0.46 kg of sulfur dioxide per MW-hour of actual heat input when distillate fuel oil is burned (0.3 lbs/mmBtu).
- b. Pursuant to 35 Ill. Adm. Code 214.301, no person shall cause or allow the emission of sulfur dioxide into the atmosphere from any process emission unit to exceed 2000 ppm.
- c. Pursuant to 35 Ill. Adm. Code 214.304, the emissions from the burning of fuel at process emission sources located in the Chicago or St. Louis (Illinois) major metropolitan areas shall comply with applicable 35 Ill. Adm. Code 214 Subparts B through F (i.e., 35 Ill. Adm. Code 214.122(b)).
- 8a. Pursuant to 35 Ill. Adm. Code 218.122(b), no person shall cause or allow the loading of any organic material into any stationary tank having a storage capacity of greater than 946 liters (250 gallons), unless such tank is equipped with a permanent submerged loading pipe or an equivalent device approved by the Illinois EPA according to the provisions of 35 Ill. Adm. Code 201, and further processed consistent with 35 Ill. Adm. Code 218.108, or unless such tank is a pressure tank as described in 35 Ill. Adm. Code 218.121(a) or is fitted with a recovery system as described in 35 Ill. Adm. Code 218.121(b)(2).
- b. Pursuant to 35 Ill. Adm. Code 218.301, no person shall cause or allow the discharge of more than 3.6 kg/hour (8 lbs/hour) of organic material into the atmosphere from any emission unit, except as provided in 35 Ill. Adm. Code 218.302, 218.303, or 218.304 and the following exception: If no odor nuisance exists the limitation of 35 Ill. Adm. Code 218 Subpart G shall only apply to photochemically reactive material.
- 9a. Pursuant to 40 CFR 60.670(a)(2), the provisions of 40 CFR 60 Subpart 000 do not apply to the following operations: All facilities located in underground mines; plants without crushers or grinding mills above

- ground; and wet material processing operations (as defined in 40 CFR 60.671).
- b. Pursuant to 40 CFR 60.670(b), an affected facility that is subject to the provisions of 40 CFR 60 Subparts F (Portland Cement Plants) or I (Hot Mix Asphalt Facilities) or that follows in the plant process any facility subject to the provisions of 40 CFR 60 Subparts F or I is not subject to the provisions of 40 CFR 60 Subpart 000;
 - c. Pursuant to 40 CFR 60.670(c), facilities at the following plants are not subject to the provisions of 40 CFR 60 Subpart 000:
 - i. Fixed sand and gravel plants and crushed stone plants with capacities, as defined in 40 CFR 60.671, of 23 megagrams per hour (25 tons per hour) or less;
 - ii. Portable sand and gravel plants and crushed stone plants with capacities, as defined in 40 CFR 60.671, of 136 megagrams per hour (150 tons per hour) or less; and
 - iii. Common clay plants and pumice plants with capacities, as defined in 40 CFR 60.671, of 9 megagrams per hour (10 tons per hour) or less.
 - d. Pursuant to 40 CFR 60.670(d)(1), when an existing facility is replaced by a piece of equipment of equal or smaller size, as defined in 40 CFR 60.671, having the same function as the existing facility, and there is no increase in the amount of emissions, the new facility is exempt from the provisions of 40 CFR 60.672, 60.674, and 60.675 except as provided for in 40 CFR 60.670(d)(3).
 - e. Pursuant to 40 CFR 60.670(d)(2), an owner or operator complying with 40 CFR 60.670(d)(1) shall submit the information required in 40 CFR 60.676(a).
 - f. Pursuant to 40 CFR 60.670(d)(3), an owner or operator replacing all existing facilities in a production line with new facilities does not qualify for the exemption described in 40 CFR 60.670(d)(1) and must comply with the provisions of 40 CFR 60.672, 60.674 and 60.675.
10. Pursuant to 35 Ill. Adm. Code 212.314, 35 Ill. Adm. Code 212.301 shall not apply and spraying pursuant to 35 Ill. Adm. Code 212.304 through 212.310 and 35 Ill. Adm. Code 212.312 shall not be required when the wind speed is greater than 40.2 km/hr (25 mph). Determination of wind speed for the purposes of 35 Ill. Adm. Code 212.314 shall be by a one-hour average or hourly recorded value at the nearest official station of the U.S. Weather Bureau or by wind speed instruments operated on the site. In cases where the duration of operations subject to this rule is less than one hour, wind speed may be averaged over the duration of the operations on the basis of on-site wind speed instrument measurements.

- 11a. Pursuant to 35 Ill. Adm. Code 218.122(c), if no odor nuisance exists the limitations of 35 Ill. Adm. Code 218.122 shall only apply to the loading of VOL with a vapor pressure of 17.24 kPa (2.5 psia) or greater at 294.3°K (70°F).
 - b. The 500 gallon gasoline tank is not subject to 35 Ill. Adm. Code 218.583 (Gasoline Dispensing Operations - Storage Tank Filling Operations). Pursuant to 35 Ill. Adm. Code 218.583(b)(3), the requirements of 35 Ill. Adm. Code 218.583(a)(2) and (a)(3) shall not apply to transfers of gasoline to a stationary storage tank at a gasoline dispensing operation if the tank has a capacity of less than 575 gallons.
 - c. This permit is issued based on the drum-mix asphalt plant not being subject to 35 Ill. Adm. Code Part 218 Subpart TT (Other Emission Units). This is a result of the federally enforceable production and operating limitations, which were established in this permit to restrict the potential to emit for VOM to less than 25 tons per year.
12. Pursuant to 40 CFR 60.11(d), at all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate the affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Illinois EPA or USEPA which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
- 13a. Pursuant to 40 CFR 63.6604, if you own or operate an existing non-emergency CI stationary RICE with a site rating of more than 300 brake HP with a displacement of less than 30 liters per cylinder that uses diesel fuel, you must use diesel fuel that meets the requirements in 40 CFR 80.510(b) for nonroad diesel fuel. Existing non-emergency CI stationary RICE located in Guam, American Samoa, the Commonwealth of the Northern Mariana Islands, or at area sources in areas of Alaska not accessible by the FAHS are exempt from the requirements of 40 CFR 63.6604.
 - b. Pursuant to 40 CFR 63.6605(a), you must be in compliance with the emission limitations and operating limitations in 40 CFR 63 Subpart ZZZZ that apply to you at all times.
 - c. Pursuant to 40 CFR 63.6605(b), at all times you must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on

information available to the Illinois EPA or USEPA which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

- d. Pursuant to 40 CFR 63.6625(g), if you own or operate an existing non-emergency CI engine greater than or equal to 300 HP that is not equipped with a closed crankcase ventilation system, you must comply with either 40 CFR 63.6625(g) (1) or 40 CFR 63.6625(g) (2). Owners and operators must follow the manufacturer's specified maintenance requirements for operating and maintaining the open or closed crankcase ventilation systems and replacing the crankcase filters, or can request the Illinois EPA or USEPA to approve different maintenance requirements that are as protective as manufacturer requirements. Existing CI engines located at area sources in areas of Alaska not accessible by the FAHS do not have to meet the requirements of 40 CFR 63.6625(g).
 - i. Install a closed crankcase ventilation system that prevents crankcase emissions from being emitted to the atmosphere, or
 - ii. Install an open crankcase filtration emission control system that reduces emissions from the crankcase by filtering the exhaust stream to remove oil mist, particulates, and metals.
- e. Pursuant to 40 CFR 63.6625(h), if you operate a new or existing stationary engine, you must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup in Tables 1a, 2a, 2c, and 2d to 40 CFR 63 Subpart ZZZZ apply.
- 14a. Pursuant to 40 CFR 80.510(b), beginning June 1, 2010. Except as otherwise specifically provided in 40 CFR 80 Subpart I, all NR and LM diesel fuel is subject to the following per-gallon standards:
 - i. Sulfur content 15ppm maximum for NR diesel fuel.
 - ii. Cetane index or aromatic content, as follows:
 - A. A minimum cetane index of 40; or
 - B. A maximum aromatic content of 35 volume percent.
- 15a. In the event that the operation of this source results in an odor nuisance, the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls, in order to eliminate the odor nuisance.
- b. The baghouse associated with the affected drum-mix asphalt plant shall be in operation at all times when the associated drum dryer is in operation and emitting air contaminants.

- c. The Permittee shall, in accordance with the manufacturer(s) and/or vendor(s) recommendations, perform periodic maintenance on the baghouse such that the baghouse is kept in proper working condition and not cause a violation of the Illinois Environmental Protection Act or regulations promulgated therein.
- d. The surface moisture content of the aggregate to be processed in the crushing plant associated with the affected drum-mix asphalt plant shall be at least 1.5% by weight. The Permittee shall show compliance with this requirement as follows:
 - i. Water sprays shall be used on the emission units associated with the crushing plant (e.g., crushers, conveyors, and stockpiles, etc.) as necessary, except when weather conditions are below or expected to fall below freezing temperatures, to produce a moisture content of 1.5% by weight or higher to reduce particulate matter emissions; or
 - ii. Demonstrate compliance with Condition 15(d) by following the testing requirements of Condition 23.
- e.
 - i. The drum mixer and drum dryer shall only be operated with natural gas as the fuel. The use of used oil for fuel in the drum mixer and drum dryer is authorized by this permit only if the owner or operator of the affected drum-mix asphalt plant has received prior approval from the Illinois EPA and has performed stack testing to verify compliance with all applicable requirements.
 - ii. The tank heaters shall only be operated with natural gas as the fuel.
 - iii. The diesel powered-generator shall only be operated with distillate fuel oil, grades No. 1 and 2 (i.e., diesel) and as the fuel.
- f. The Permittee shall not keep, store, or use distillate fuel oil (Grades No. 1 and 2) at this source with a sulfur content greater than the larger of the following two values:
 - i. 0.28 weight percent; or
 - ii. The wt. percent given by the formula: Maximum wt. percent sulfur = $(0.000015) \times (\text{Gross heating value of oil, Btu/lb})$.
- g. Organic liquid by-products or waste materials shall not be used in an affected drum-mix asphalt plant without written approval from the Illinois EPA.
- h. The Illinois EPA shall be allowed to sample all fuels stored at the above location.

16a. Emissions and operation of the affected drum-mix asphalt plant shall not exceed the following limits:

i. Asphalt Production Limits:

<u>(Tons/Month)</u>	<u>(Tons/Year)</u>
104,000	800,000

ii. Emissions from Drum Mixer/Dryer:

<u>Pollutant</u>	Emission Factor <u>(lbs/Ton)</u>	Emissions	
		<u>(Tons/Month)</u>	<u>(Tons/Year)</u>
CO	0.13	8.78	52.65
NO _x	0.055	3.71	22.28
PM	0.033	2.23	13.37
PM ₁₀	0.023	1.55	9.32
SO ₂	0.058	3.92	23.49
VOM	0.032	2.16	12.96

iii. Emissions from Silo Filling:

<u>Pollutant</u>	Emission Factor <u>(lbs/Ton)</u>	Emissions	
		<u>(lbs/Month)</u>	<u>(Tons/Year)</u>
CO	0.00118	122.72	0.48
PM	0.000586	60.95	0.24
PM ₁₀	0.000586	90.95	0.24
VOM	0.0122	1,268.80	4.88

iv. Emissions from Truck Load-out:

<u>Pollutant</u>	Emission Factor <u>(lbs/Ton)</u>	Emissions	
		<u>(lbs/Month)</u>	<u>(Tons/Year)</u>
CO	0.00135	182.25	0.55
PM	0.000522	70.47	0.21
PM ₁₀	0.000522	70.47	0.21
VOM	0.00416	561.60	1.68

v. These limits are based on maximum asphalt production and standard emission factors (Tables 11.1-3, 11.1-7, 11.1-8, and 11.1-14, AP-42, Volume I, Fifth Edition, Update 2004, April 2004).

b. Emissions and operation of asphalt tank heater shall not exceed the following limits:

<u>Pollutant</u>	Emission Factor <u>(lbs/mmscf)</u>	Emissions	
		<u>(lbs/Hour)</u>	<u>(Tons/Year)</u>
Carbon Monoxide (CO)	84.00	0.26	1.14

<u>Pollutant</u>	<u>Emission Factor</u> (lbs/mmscf)	<u>Emissions</u>	
		(lbs/Hour)	(Tons/Year)
Nitrogen Oxides (NO _x)	100.00	0.31	1.35
Particulate Matter (PM)	7.60	0.03	0.10
Sulfur Dioxide (SO ₂)	0.60	----	0.01
Volatile Organic Material (VOM)	5.50	0.02	0.07

These limits are based on the maximum firing rate of two heaters (2.1 mmBtu/hour, and 1.05 mmBtu/hour), a heat content of 1,020 Btu/scf for natural gas, 8,760 hours/year of operation, and standard emission factors (Tables 1.4-1 and 1.4-2, AP-42, Fifth Edition, Volume I, Supplement D, September 1998).

- c. This permit is issued based on negligible emissions of volatile organic material from storage tanks. For this purpose emissions from each emission source, shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 tons/year.
- d. Emissions and operation of the crushing plant shall not exceed the following limits:
 - i. Total Reclaimed Asphalt Pavement (RAP) and recycled concrete throughput:

<u>(Tons/Month)</u>	<u>(Tons/Year)</u>
104,000	800,000

- ii. Particulate Matter Emissions from the Crushing Plant:

<u>Item of Equipment</u>	<u>PM Emissions</u>			<u>PM₁₀ Emissions</u>		
	<u>(Lb/Ton)</u>	<u>(Ton/Mo)</u>	<u>(Tons/Yr)</u>	<u>(Lb/Ton)</u>	<u>(Ton/Mo)</u>	<u>(Tons/Yr)</u>
3 Crushers	0.0012	0.11	0.84	0.00054	0.05	0.38
2 Screens	0.0022	0.12	0.88	0.00074	0.04	0.30
4 Conveyors	0.00014	0.02	0.14	0.000046	0.01	0.05
Totals		1.86				0.73

- iii. These limits are based on maximum aggregate throughput and standard, controlled emission factors (Table 11.19.2-2, AP 42, Fifth Edition, Volume I, Update 2004, August 2004).
- e. Emissions and operation of the diesel-powered generators shall not exceed the following limits:
 - i. Total distillate fuel usage of the diesel-powered generators:

<u>(Gallons/Month)</u>	<u>(Gallons/Year)</u>
50,000	300,000

- ii. Emissions from the diesel-powered generators:

<u>Pollutant</u>	<u>Emission Factor (lbs/mmBtu)</u>	<u>Emissions</u>	
		<u>(Tons/Month)</u>	<u>(Tons/Year)</u>
CO	0.8500	2.98	17.85
NO _x	3.2000	11.20	67.20
PM	0.1000	0.35	2.10
SO ₂	0.2828	0.99	5.94
VOM	0.0900	0.32	1.89

- iii. These limits are based on maximum fuel usage and standard emission factors (Table 3.4-1, AP-42, Volume I, Fifth Edition, Supplement B, October 1996).
- f. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total).
- 17a. Pursuant to 40 CFR 60.8(a), at such other times as may be required by the Illinois EPA or USEPA under section 114 of the Clean Air Act, the owner or operator of such facility shall conduct performance test(s) and furnish the Illinois EPA or USEPA a written report of the results of such performance test(s).
- b. Pursuant to 40 CFR 60.8(b), performance tests shall be conducted and data reduced in accordance with the test methods and procedures contained in each applicable subpart of 40 CFR Part 60 unless the Illinois EPA or USEPA:
 - i. Specifies or approves, in specific cases, the use of a reference method with minor changes in methodology;
 - ii. Approves the use of an equivalent method;
 - iii. Approves the use of an alternative method the results of which he has determined to be adequate for indicating whether a specific source is in compliance;
 - iv. Waives the requirement for performance tests because the owner or operator of a source has demonstrated by other means to the Illinois EPA's or USEPA's satisfaction that the affected facility is in compliance with the standard; or
 - v. Approves shorter sampling times and smaller sample volumes when necessitated by process variables or other factors. Nothing in this paragraph shall be construed to abrogate the Illinois EPA's or USEPA's authority to require testing under section 114 of the Clean Air Act.
- c. Pursuant to 40 CFR 60.8(c), performance tests shall be conducted under such conditions as the Illinois EPA or USEPA shall specify to the plant

operator based on representative performance of the affected facility. The owner or operator shall make available to the Illinois EPA or USEPA such records as may be necessary to determine the conditions of the performance tests. Operations during periods of startup, shutdown, and malfunction shall not constitute representative conditions for the purpose of a performance test nor shall emissions in excess of the level of the applicable emission limit during periods of startup, shutdown, and malfunction be considered a violation of the applicable emission limit unless otherwise specified in the applicable standard.

- d. Pursuant to 40 CFR 60.8(d), the owner or operator of an affected facility shall provide the Illinois EPA or USEPA at least 30 days prior notice of any performance test, except as specified under other subparts, to afford the Illinois EPA or USEPA the opportunity to have an observer present. If after 30 days notice for an initially scheduled performance test, there is a delay (due to operational problems, etc.) in conducting the scheduled performance test, the owner or operator of an affected facility shall notify the Illinois EPA or USEPA as soon as possible of any delay in the original test date, either by providing at least 7 days prior notice of the rescheduled date of the performance test, or by arranging a rescheduled date with the Illinois EPA or USEPA by mutual agreement.
- e. Pursuant to 40 CFR 60.8(e), the owner or operator of an affected facility shall provide, or cause to be provided, performance testing facilities as follows:
 - i. Sampling ports adequate for test methods applicable to such facility. This includes:
 - A. Constructing the air pollution control system such that volumetric flow rates and pollutant emission rates can be accurately determined by applicable test 1 methods and procedures; and
 - B. Providing a stack or duct free of cyclonic flow during performance tests, as demonstrated by applicable test methods and procedures.
 - ii. Safe sampling platform(s).
 - iii. Safe access to sampling platform(s).
 - iv. Utilities for sampling and testing equipment.
- f. Pursuant to 40 CFR 60.8(f), unless otherwise specified in the applicable subpart of 40 CFR Part 60, each performance test shall consist of three separate runs using the applicable test method. Each run shall be conducted for the time and under the conditions specified in the applicable standard under 40 CFR Part 60. For the purpose of determining compliance with an applicable standard under 40 CFR Part 60, the arithmetic means of results of the three runs shall apply. In

the event that a sample is accidentally lost or conditions occur in which one of the three runs must be discontinued because of forced shutdown, failure of an irreplaceable portion of the sample train, extreme meteorological conditions, or other circumstances, beyond the owner or operator's control, compliance may, upon the Illinois EPA's or USEPA's approval, be determined using the arithmetic mean of the results of the two other runs.

- 18a. Pursuant to 40 CFR 60.93(a), in conducting the performance tests required in 40 CFR 60.8, the owner or operator shall use as reference methods and procedures the test methods in appendix A of 40 CFR Part 60 or other methods and procedures as specified in this section, except as provided in 40 CFR 60.8(b).
- b. Pursuant to 40 CFR 60.93(b), the owner or operator shall determine compliance with the particulate matter standards in 40 CFR 60.92 as follows:
 - i. Method 5 shall be used to determine the particulate matter concentration. The sampling time and sample volume for each run shall be at least 60 minutes and 0.90 dscm (31.8 dscf).
 - ii. Method 9 and the procedures in 40 CFR 60.11 shall be used to determine opacity.
- 19a. Pursuant to 40 CFR 60.675(a), in conducting the performance tests required in 40 CFR 60.8, the owner or operator shall use as reference methods and procedures the test methods in appendices A-1 1 through A-7 of 40 CFR Part 60 or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b). Acceptable alternative methods and procedures are given in 40 CFR 60.675(e).
- b. i. Pursuant to 40 CFR 60.675(c)(1), in determining compliance with the particulate matter standards in 40 CFR 60.672(b) or 40 CFR 60.672(e)(1), the owner or operator shall use Method 9 of Appendix A-4 of 40 CFR Part 60 and the procedures in 40 CFR 60.11, with the following additions:
 - A. The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).
 - B. The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9 of Appendix A-4 of 40 CFR Part 60, Section 2.1) must be followed.
 - C. For affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this

nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.

- ii. Pursuant to 40 CFR 60.675(c)(3), when determining compliance with the fugitive emissions standard for any affected facility described under 40 CFR 60.672(b) or 40 CFR 60.672(e)(1), the duration of the Method 9 (40 CFR Part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 (see also Attachment B) must be based on the average of the five 6-minute averages.
- c. Pursuant to 40 CFR 60.675(d), to demonstrate compliance with the fugitive emissions limits for buildings specified in 40 CFR 60.672(e)(1), the owner or operator must complete the testing specified in 40 CFR 60.675(d)(1) and (2). Performance tests must be conducted while all affected facilities inside the building are operating.
 - i. If the building encloses any affected facility that commences construction, modification, or reconstruction on or after April 22, 2008, the owner or operator of the affected facility must conduct an initial Method 9 (40 CFR Part 60, Appendix A-4) performance test according to 40 CFR 60.675 and 40 CFR 60.11.
 - ii. If the building encloses only affected facilities that commenced construction, modification, or reconstruction before April 22, 2008, and the owner or operator has previously conducted an initial Method 22 (40 CFR Part 60, Appendix A-7) performance test showing zero visible emissions, then the owner or operator has demonstrated compliance with the opacity limit in 40 CFR 60.672(e)(1). If the owner or operator has not conducted an initial performance test for the building before April 22, 2008, then the owner or operator must conduct an initial Method 9 (40 CFR Part 60, Appendix A-4) performance test according to this section and 40 CFR 60.11 to show compliance with the opacity limit in 40 CFR 60.672(e)(1).
- d. Pursuant to 40 CFR 60.675(e), the owner or operator may use the following as alternatives to the reference methods and procedures specified in 40 CFR 60.675:
 - i. For the method and procedure of 40 CFR 60.675(c), if emissions from two or more facilities continuously interfere so that the opacity of fugitive emissions from an individual affected facility cannot be read, either of the following procedures may be used:
 - A. Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected facilities contributing to the emissions stream.

- B. Separate the emissions so that the opacity of emissions from each affected facility can be read.
- ii. A single visible emission observer may conduct visible emission observations for up to three fugitive, stack, or vent emission points within a 15-second interval if the following conditions are met:
 - A. No more than three emission points may be read concurrently.
 - B. All three emission points must be within a 70 degree viewing sector or angle in front of the observer such that the proper sun position can be maintained for all three points.
 - C. If an opacity reading for any one of the three emission points equals or exceeds the applicable standard, then the observer must stop taking readings for the other two points and continue reading just that single point.
- e. Pursuant to 40 CFR 60.675(g), for performance tests involving only Method 9 (40 CFR Part 60 Appendix A-4) testing, the owner or operator may reduce the 30-day advance notification of performance test in 40 CFR 60.7(a)(6) and 60.8(d) to a 7-day advance notification.
- f. Pursuant to 40 CFR 60.675(i), if the initial performance test date for an affected facility falls during a seasonal shut down (as defined in 40 CFR 60.671) of the affected facility, then with approval from the permitting authority, the owner or operator may postpone the initial performance test until no later than 60 calendar days after resuming operation of the affected facility.
- 20a. Pursuant to 40 CFR 63.6612, if you own or operate an existing CI stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions or an existing stationary CI RICE located at an area source of HAP emissions you are subject to the requirements of 40 CFR 63.6612.
 - b. Pursuant to 40 CFR 63.6612(a), you must conduct any initial performance test or other initial compliance demonstration according to Tables 4 and 5 to 40 CFR 63 Subpart ZZZZ that apply to you within 180 days after the compliance date that is specified for your stationary RICE in 40 CFR 63.6595 and according to the provisions in 40 CFR 63.7(a)(2).
 - c. Pursuant to 40 CFR 63.6612(b), an owner or operator is not required to conduct an initial performance test on a unit for which a performance test has been previously conducted, but the test must meet all of the conditions described in 40 CFR 63.6612(b)(1) through (4).

- i. The test must have been conducted using the same methods specified in 40 CFR 63 Subpart ZZZZ, and these methods must have been followed correctly.
 - ii. The test must not be older than 2 years.
 - iii. The test must be reviewed and accepted by the Illinois EPA or USEPA.
 - iv. Either no process or equipment changes must have been made since the test was performed, or the owner or operator must be able to demonstrate that the results of the performance test, with or without adjustments, reliably demonstrate compliance despite process or equipment changes.
- d. Pursuant to 40 CFR 63.6615, if you must comply with the emission limitations and operating limitations, you must conduct subsequent performance tests as specified in Table 3 of 40 CFR Subpart ZZZZ (see also Attachment D).
- e. Pursuant to 40 CFR 63.6620(a), you must conduct each performance test in Tables 3 and 4 of 40 CFR 63 Subpart ZZZZ that applies to you.
- f. Pursuant to 40 CFR 63.6620(b), each performance test must be conducted according to the requirements that this subpart specifies in Table 4 to 40 CFR 63 Subpart ZZZZ. If you own or operate a non-operational stationary RICE that is subject to performance testing, you do not need to start up the engine solely to conduct the performance test. Owners and operators of a non-operational engine can conduct the performance test when the engine is started up again.
- g. Pursuant to 40 CFR 63.6620(d), you must conduct three separate test runs for each performance test required in 40 CFR 63.6620, as specified in 40 CFR 63.7(e)(3). Each test run must last at least 1 hour.
- h. i. Pursuant to 40 CFR 63.6620(e)(1), you must use Equation 1 of 40 CFR 63.6620 to determine compliance with the percent reduction requirement.
- ii. Pursuant to 40 CFR 63.6620(e)(2), you must normalize the carbon monoxide (CO) or formaldehyde concentrations at the inlet and outlet of the control device to a dry basis and to 15 percent oxygen, or an equivalent percent carbon dioxide (CO₂). If pollutant concentrations are to be corrected to 15 percent oxygen and CO₂ concentration is measured in lieu of oxygen concentration measurement, a CO₂ correction factor is needed. Calculate the CO₂ correction factor as described in 40 CFR 63.6620(e)(2)(i) through (iii).
- i. Pursuant to 40 CFR 63.6620(f), if you comply with the emission limitation to reduce CO and you are not using an oxidation catalyst, if you comply with the emission limitation to reduce formaldehyde and you

are not using NSCR, or if you comply with the emission limitation to limit the concentration of formaldehyde in the stationary RICE exhaust and you are not using an oxidation catalyst or NSCR, you must petition the Illinois EPA or USEPA for operating limitations to be established during the initial performance test and continuously monitored thereafter; or for approval of no operating limitations. You must not conduct the initial performance test until after the petition has been approved by the Illinois EPA or USEPA.

- j. Pursuant to 40 CFR 63.6620(i), the engine percent load during a performance test must be determined by documenting the calculations, assumptions, and measurement devices used to measure or estimate the percent load in a specific application. A written report of the average percent load determination must be included in the notification of compliance status. The following information must be included in the written report: the engine model number, the engine manufacturer, the year of purchase, the manufacturer's site-rated brake horsepower, the ambient temperature, pressure, and humidity during the performance test, and all assumptions that were made to estimate or calculate percent load during the performance test must be clearly explained. If measurement devices such as flow meters, kilowatt meters, beta analyzers, stain gauges, etc. are used, the model number of the measurement device, and an estimate of its accurate in percentage of true value must be provided.
- k. Pursuant to 40 CFR 63.6630(a), you must demonstrate initial compliance with each emission and operating limitation that applies to you according to Table 5 of 40 CFR 63 Subpart ZZZZ (see also Attachment F).
- l. Pursuant to 40 CFR 63.6630(b), during the initial performance test, you must establish each operating limitation in Tables 1b and 2b of this subpart that applies to you.
- m. Pursuant to 40 CFR 63.6640(a), you must demonstrate continuous compliance with each emission limitation and operating limitation in Tables 1a and 1b, Tables 2a and 2b, Table 2c, and Table 2d to 40 CFR 63 Subpart ZZZZ that apply to you according to methods specified in Table 6 to 40 CFR 63 Subpart ZZZZ (see also Attachment G).
- 21a. Pursuant to 35 Ill. Adm. Code 201.282, every emission source or air pollution control equipment shall be subject to the following testing requirements for the purpose of determining the nature and quantities of specified air contaminant emissions and for the purpose of determining ground level and ambient air concentrations of such air contaminants:
 - i. Testing by Owner or Operator. The Illinois EPA may require the owner or operator of the emission source or air pollution control equipment to conduct such tests in accordance with procedures adopted by the Illinois EPA, at such reasonable times as may be specified by the Illinois EPA and at the expense of the owner or operator of the emission source or air pollution control

equipment. The Illinois EPA may adopt procedures detailing methods of testing and formats for reporting results of testing. Such procedures and revisions thereto, shall not become effective until filed with the Secretary of State, as required by the APA Act. All such tests shall be made by or under the direction of a person qualified by training and/or experience in the field of air pollution testing. The Illinois EPA shall have the right to observe all aspects of such tests.

- ii. Testing by the Illinois EPA. The Illinois EPA shall have the right to conduct such tests at any time at its own expense. Upon request of the Illinois EPA, the owner or operator of the emission source or air pollution control equipment shall provide, without charge to the Illinois EPA, necessary holes in stacks or ducts and other safe and proper testing facilities, including scaffolding, but excluding instruments and sensing devices, as may be necessary.
- b. Testing required by Condition 22 shall be performed upon a written request from the Illinois EPA by a qualified independent testing service.
- 22. Pursuant to 35 Ill. Adm. Code 212.110(c), upon a written notification by the Illinois EPA, the owner or operator of a particulate matter emission unit subject to 35 Ill. Adm. Code Part 212 shall conduct the applicable testing for particulate matter emissions, opacity, or visible emissions at such person's own expense, to demonstrate compliance. Such test results shall be submitted to the Illinois EPA within thirty (30) days after conducting the test unless an alternative time for submittal is agreed to by the Illinois EPA.
- 23. The moisture content of a representative sample of the aggregate processed in the crushing plant associated with the drum-mix asphalt plant shall be measured at least one per week using ASTM Procedures (C566-97) for total moisture content of material.
- 24a. Pursuant to 40 CFR 60.674(b)(1), the owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expeditiously as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under 40 CFR 60.676(b).
 - i. If an affected facility relies on water carryover from upstream water sprays to control fugitive emissions, then that affected

facility is exempt from the 5-year repeat testing requirement specified in Table 3 of 40 CFR 60 Subpart 000 (see also Attachment B) provided that the affected facility meets the criteria in 40 CFR 60.674(b)(1)(i) and (ii):

- A. The owner or operator of the affected facility conducts periodic inspections of the upstream water spray(s) that are responsible for controlling fugitive emissions from the affected facility. These inspections are conducted according to 40 CFR 60.674(b) and 40 CFR 60.676(b), and
 - B. The owner or operator of the affected facility designates which upstream water spray(s) will be periodically inspected at the time of the initial performance test required under 40 CFR 60.11 and 40 CFR 60.675.
- ii. If an affected facility that routinely uses wet suppression water sprays ceases operation of the water sprays or is using a control mechanism to reduce fugitive emissions other than water sprays during the monthly inspection (for example, water from recent rainfall), the logbook entry required under 40 CFR 60.676(b) must specify the control mechanism being used instead of the water sprays.
- 25a. Inspections of the affected drum-mix asphalt plant and control systems equipment and operations shall be performed as necessary but at least once per week when the affected drum-mix asphalt plant is in operation to confirm compliance with the requirements of this permit.
- b. The water supply to the spray equipment shall be equipped with a metering device used to determine water usage for the control of particulate matter emissions.
 - c. Inspections of water spray equipment and operation (such as leaking, maintaining adequate flow, clogging of flow lines, etc.) shall be performed at least once per week when the crushing plant associated with the affected drum-mix asphalt plant is in operation.
- 26a. Pursuant to 40 CFR 60.7(b), any owner or operator subject to the provisions of 40 CFR Part 60 shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.
- b. Pursuant to 40 CFR 60.7(f), any owner or operator subject to the provisions of 40 CFR Part 60 shall maintain a file of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by 40 CFR

Part 60 recorded in a permanent form suitable for inspection. The file shall be retained for at least two years following the date of such measurements, maintenance, reports, and records.

27. Pursuant to 40 CFR 60.676(b) (1), owners or operators of affected facilities (as defined in 40 CFR 60.670 and 60.671) for which construction, modification, or reconstruction commenced on or after April 22, 2008, must record each periodic inspection required under 40 CFR 60.674(b) or (c), including dates and any corrective actions taken, in a logbook (in written or electronic format). The owner or operator must keep the logbook onsite and make hard or electronic copies (whichever is requested) of the logbook available to the Illinois EPA or USEPA upon request.
28. Pursuant to 40 CFR 63.10(b) (3), if an owner or operator determines that his or her stationary source that emits (or has the potential to emit, without considering controls) one or more hazardous air pollutants regulated by any standard established pursuant to section 112(d) or (f) of the Clean Air Act, and that stationary source is in the source category regulated by the relevant standard, but that source is not subject to the relevant standard (or other requirement established under 40 CFR Part 63) because of limitations on the source's potential to emit or an exclusion, the owner or operator must keep a record of the applicability determination on site at the source for a period of 5 years after the determination, or until the source changes its operations to become an affected source, whichever comes first. The record of the applicability determination must be signed by the person making the determination and include an analysis (or other information) that demonstrates why the owner or operator believes the source is unaffected (e.g., because the source is an area source). The analysis (or other information) must be sufficiently detailed to allow the USEPA and/or Illinois EPA to make a finding about the source's applicability status with regard to the relevant standard or other requirement. If relevant, the analysis must be performed in accordance with requirements established in relevant subparts of 40 CFR Part 63 for this purpose for particular categories of stationary sources. If relevant, the analysis should be performed in accordance with USEPA guidance materials published to assist sources in making applicability determinations under Section 112 of the Clean Air Act, if any. The requirements to determine applicability of a standard under 40 CFR 63.1(b) (3) and to record the results of that determination under 40 CFR 63.10(b) (3) shall not by themselves create an obligation for the owner or operator to obtain a Title V permit.
- 29a. Pursuant to 40 CFR 63.6655(a), if you must comply with the emission and operating limitations, you must keep the records described in 40 CFR 63.6655(a) (1) through (a) (5), (b) (1) through (b) (3) and (c).
 - i. A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status

that you submitted, according to the requirement in 40 CFR 63.10(b)(2)(xiv).

- ii. Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.
 - iii. Records of performance tests and performance evaluations as required in 40 CFR 63.10(b)(2)(viii).
 - iv. Records of all required maintenance performed on the air pollution control and monitoring equipment.
 - v. Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.
- b. Pursuant to 40 CFR 63.6655(e), you must keep records of the maintenance conducted on the stationary RICE in order to demonstrate that you operated and maintained the stationary RICE and after-treatment control device (if any) according to your own maintenance plan if you own or operate any of the following stationary RICE;
- An existing stationary CI RICE located at an area source of HAP emissions subject to management practices as shown in Table 2d to 40 CFR 63 Subpart ZZZZ.
- c. Pursuant to 40 CFR 63.6660(a), your records must be in a form suitable and readily available for expeditious review according to 40 CFR 63.10(b)(1).
 - d. Pursuant to 40 CFR 63.6660(b), as specified in 40 CFR 63.10(b)(1), you must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.
 - e. Pursuant to 40 CFR 63.6660(c), you must keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1).
30. Pursuant to 40 CFR 63.11116(b), you are not required to submit notifications or reports, but you must have records available within 24 hours of a request by the Illinois EPA or USEPA to document your gasoline throughput.
31. Pursuant to 35 Ill. Adm. Code 212.110(e), the owner or operator of an emission unit subject to 35 Ill. Adm. Code Part 212 shall retain records of all tests which are performed. These records shall be

retained for at least three (3) years after the date a test is performed.

32. Pursuant to 35 Ill. Adm. Code 218.129(f), the owner or operator of each storage vessel specified in 35 Ill. Adm. Code 218.119 shall maintain readily accessible records of the dimension of the storage vessel and analysis of the capacity of the storage vessel. Each storage vessel with a design capacity less than 40,000 gallons is subject to no provisions of 35 Ill. Adm. Code Part 218 other than those required by maintaining readily accessible records of the dimensions of the storage vessel and analysis of the capacity of the storage vessel.
- 33a. The Permittee shall maintain records of the following items so as to demonstrate compliance with the conditions of this permit:
 - i. The Permittee shall maintain general records of all public inquiries or complaints directed to the plant regarding operations related to emissions or odors, including date, time, individual (if identified, with address and telephone number), summary of discussion, summary of response, assessment of corresponding operating conditions and involved plant personnel.
 - ii. Records addressing use of good operating practices for the baghouse:
 - A. Operating logs for the drum-mix asphalt plant dryer baghouse, including operating data (pressure drop or stack condition), daily upon startup;
 - B. Records for periodic inspection of the baghouse with date, individual performing the inspection, and nature of inspection; and
 - C. Records for prompt repair of defects, with identification and description of defect, effect on emissions, date identified, date repaired, and nature of repair.
 - iii. Records addressing use of good operating practices for the crushing plant:
 - A. If the Permittee is relying on the requirements of Conditions 15(d) (ii) and 23 to demonstrate compliance with Condition 15(d), the Permittee shall maintain records of all moisture content tests performed including date, time, individual performing test, and location of sample (e.g., prior to crushing, stockpiles, etc.);
 - B. If the Permittee is relying on Condition 15(d) (i) to demonstrate compliance with Condition 15(d), the Permittee shall maintain operating logs for the water spray equipment, including dates and times of usage, malfunctions (type, date, and measures taken to correct), water

pressure, and dates when there was at least 0.25" of rainfall during the preceding 24 hours and the water spray equipment was not operated; and

- C. The Permittee shall maintain weekly records of water consumption in the spray equipment, as determined by the meter required by Condition 25(b) and the amount of precipitation specified in Condition 32(a)(ii)(B).
- iv. Records addressing use of good operating practices for the storage tanks:
 - A. Design information for the tanks showing the presence of a permanent submerged loading pipe; and
 - B. Maintenance and repair records for the tanks, as related to the repair or replacement of the loading pipe.
 - v. Production and Operating Records:
 - A. Asphalt production (tons/month and tons/year);
 - B. Aggregate throughput for the crushing plant (tons/month and tons/year);
 - C. Fuel Usage Records:
 - I. Distillate fuel oil usage for the diesel-powered generator (gallons/month and gallons/year);
 - II. The sulfur content of the fuel oil used in the affected drum-mix asphalt plant (% by weight), this shall be recorded for each shipment of oil delivered to the source; and
 - III. Natural gas usage of the source (mmscf/month and mmscf/year).
 - D. Total throughput of each material stored in the tanks present at the source (gallons/month and gallons/year).
 - v. Monthly and annual CO, NO_x, PM, SO₂, and VOM emissions from the affected drum-mix asphalt plant shall be maintained, based on asphalt production, fuel consumption, crushing plant throughput, and storage tank throughput and the applicable emission factors, with supporting calculations (tons/month and tons/year).
- b. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least five (5) years after the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer storage device) shall

be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to the Illinois EPA or USEPA request for records during the course of a source inspection.

- 34a. Pursuant to 40 CFR 60.7(a), any owner or operator subject to the provisions of 40 CFR Part 60 shall furnish the Illinois EPA or USEPA written notification or, if acceptable to both the Illinois EPA or USEPA and the owner or operator of a source, electronic notification, as follows:
- i. A notification of the date construction (or reconstruction as defined under 40 CFR 60.15) of an affected facility is commenced postmarked no later than 30 days after such date. This requirement shall not apply in the case of mass-produced facilities which are purchased in completed form.
 - ii. A notification of the actual date of initial startup of an affected facility postmarked within 15 days after such date.
 - iii. A notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in 40 CFR 60.14(e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The Illinois EPA or USEPA may request additional relevant information subsequent to this notice.
- 35a. Pursuant to 40 CFR 60.676(a), each owner or operator seeking to comply with 40 CFR 60.670(d) shall submit to the Illinois EPA or USEPA the following information about the existing facility being replaced and the replacement piece of equipment.
- i. For a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station:
 - A. The rated capacity in megagrams or tons per hour of the existing facility being replaced and
 - B. The rated capacity in tons per hour of the replacement equipment.
 - ii. For a screening operation:
 - A. The total surface area of the top screen of the existing screening operation being replaced and
 - B. The total surface area of the top screen of the replacement screening operation.

- iii. For a conveyor belt:
 - A. The width of the existing belt being replaced; and
 - B. The width of the replacement conveyor belt.
- iv. For a storage bin:
 - A. The rated capacity in megagrams or tons of the existing storage bin being replaced; and
 - B. The rated capacity in megagrams or tons of replacement storage bins.
- c. Pursuant to 40 CFR 60.676(f), the owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 (40 CFR part 60, Appendix A-4) to demonstrate compliance with 40 CFR 60.672(b), (e) and (f).
- d. Pursuant to 40 CFR 60.676(g), the owner or operator of any wet material processing operation that processes saturated and subsequently processes unsaturated materials, shall submit a report of this change within 30 days following such change. At the time of such change, this screening operation, bucket elevator, or belt conveyor becomes subject to the applicable opacity limit in 40 CFR 60.672(b) and the emission test requirements of 40 CFR 60.11.
- e. Pursuant to 40 CFR 60.676(h), the 40 CFR 60 Subpart A requirement under 40 CFR 60.7(a)(1) for notification of the date construction or reconstruction commenced is waived for affected facilities under 40 CFR 60 Subpart 000.
- f. Pursuant to 40 CFR 60.676(i), a notification of the actual date of initial startup of each affected facility shall be submitted to the Illinois EPA or USEPA.
 - i. For a combination of affected facilities in a production line that begin actual initial startup on the same day, a single notification of startup may be submitted by the owner or operator to the Illinois EPA or USEPA. The notification shall be postmarked within 15 days after such date and shall include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available.
 - ii. For portable aggregate processing plants, the notification of the actual date of initial startup shall include both the home office and the current address or location of the portable plant.

- 36a Pursuant to 40 CFR 63.6630(c), you must submit the Notification of Compliance Status containing the results of the initial compliance demonstration according to the requirements in 40 CFR 63.6645.
- b. Pursuant to 40 CFR 63.6640(b), you must report each instance in which you did not meet each emission limitation or operating limitation in Tables 1a and 1b, Tables 2a and 2b, Table 2c, and Table 2d to 40 CFR 63 Subpart ZZZZ that apply to you. These instances are deviations from the emission and operating limitations in 40 CFR 63 Subpart ZZZZ. These deviations must be reported according to the requirements in 40 CFR 63.6650. If you change your catalyst, you must reestablish the values of the operating parameters measured during the initial performance test. When you reestablish the values of your operating parameters, you must also conduct a performance test to demonstrate that you are meeting the required emission limitation applicable to your stationary RICE.
- c. Pursuant to 40 CFR 63.6640(e), you must also report each instance in which you did not meet the requirements in Table 8 to 40 CFR 63 Subpart ZZZZ that apply to you. If you own or operate a new or reconstructed stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions (except new or reconstructed 4SLB engines greater than or equal to 250 and less than or equal to 500 brake HP), a new or reconstructed stationary RICE located at an area source of HAP emissions, or any of the following RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions, you do not need to comply with the requirements in Table 8 to 40 CFR 63 Subpart ZZZZ: An existing 2SLB stationary RICE, an existing 4SLB stationary RICE, an existing emergency stationary RICE, an existing limited use stationary RICE, or an existing stationary RICE which fires landfill gas or digester gas equivalent to 10 percent or more of the gross heat input on an annual basis. If you own or operate any of the following RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions, you do not need to comply with the requirements in Table 8 to 40 CFR 63 Subpart ZZZZ, except for the initial notification requirements: a new or reconstructed stationary RICE that combusts landfill gas or digester gas equivalent to 10 percent or more of the gross heat input on an annual basis, a new or reconstructed emergency stationary RICE, or a new or reconstructed limited use stationary RICE.
- d. Pursuant to 40 CFR 63.6645(a), you must submit all of the notifications in 40 CFR 63.7(b) and (c), 63.8(e), (f) (4) and (f) (6), 63.9(b) through (e), and (g) and (h) that apply to you by the dates specified if you own or operate any of the following;
- An existing stationary CI RICE located at an area source of HAP emissions.
- e. Pursuant to 40 CFR 63.6645(g), if you are required to conduct a performance test, you must submit a Notification of Intent to conduct a

performance test at least 60 days before the performance test is scheduled to begin as required in 40 CFR 63.7(b)(1).

- f. Pursuant to 40 CFR 63.6645(h), if you are required to conduct a performance test or other initial compliance demonstration as specified in Tables 4 and 5 to 40 CFR 63 Subpart ZZZZ, you must submit a Notification of Compliance Status according to 40 CFR 63.9(h)(2)(ii).
 - i. For each initial compliance demonstration required in Table 5 to 40 CFR 63 Subpart ZZZZ that does not include a performance test, you must submit the Notification of Compliance Status before the close of business on the 30th day following the completion of the initial compliance demonstration.
 - ii. For each initial compliance demonstration required in Table 5 to 40 CFR 63 Subpart ZZZZ that includes a performance test conducted according to the requirements in Table 3 to 40 CFR 63 Subpart ZZZZ, you must submit the Notification of Compliance Status, including the performance test results, before the close of business on the 60th day following the completion of the performance test according to 40 CFR 63.10(d)(2).
- g. Pursuant to 40 CFR 63.6650(a), you must submit each report in Table 7 of 40 CFR 63 Subpart ZZZZ (see Attachment H) that applies to you.
- h. Pursuant to 40 CFR 63.6650(b), unless the Illinois EPA or USEPA has approved a different schedule for submission of reports under 40 CFR 63.10(a), you must submit each report by the date in Table 7 of 40 CFR 63 Subpart ZZZZ and according to the requirements in 40 CFR 63.6650(b)(1) through (b)(9).
 - i. For semiannual Compliance reports, the first Compliance report must cover the period beginning on the compliance date that is specified for your affected source in 40 CFR 63.6595 and ending on June 30 or December 31, whichever date is the first date following the end of the first calendar half after the compliance date that is specified for your source in 40 CFR 63.6595.
 - ii. For semiannual Compliance reports, the first Compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date follows the end of the first calendar half after the compliance date that is specified for your affected source in 40 CFR 63.6595.
 - iii. For semiannual Compliance reports, each subsequent Compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.
 - iv. For semiannual Compliance reports, each subsequent Compliance report must be postmarked or delivered no later than July 31 or

January 31, whichever date is the first date following the end of the semiannual reporting period.

- v. For annual Compliance reports, the first Compliance report must cover the period beginning on the compliance date that is specified for your affected source in 40 CFR 63.6595 and ending on December 31.
- vi. For annual Compliance reports, the first Compliance report must be postmarked or delivered no later than January 31 following the end of the first calendar year after the compliance date that is specified for your affected source in 40 CFR 63.6595.
- vii. For annual Compliance reports, each subsequent Compliance report must cover the annual reporting period from January 1 through December 31.
- viii. For annual Compliance reports, each subsequent Compliance report must be postmarked or delivered no later than January 31.
- i. Pursuant to 40 CFR 63.6650(c), the Compliance report must contain the information in 40 CFR 63.6650(c)(1) through (6).
 - i. Company name and address.
 - ii. Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report.
 - iii. Date of report and beginning and ending dates of the reporting period.
 - iv. If you had a malfunction during the reporting period, the compliance report must include the number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with § 63.6605(b), including actions taken to correct a malfunction.
 - v. If there are no deviations from any emission or operating limitations that apply to you, a statement that there were no deviations from the emission or operating limitations during the reporting period.
 - vi. If there were no periods during which the continuous monitoring system (CMS), including CEMS and CPMS, was out-of-control, as specified in 40 CFR 63.8(c)(7), a statement that there were no periods during which the CMS was out-of-control during the reporting period.

- j. Pursuant to 40 CFR 63.6650(d), for each deviation from an emission or operating limitation that occurs for a stationary RICE where you are not using a CMS to comply with the emission or operating limitations in this subpart, the Compliance report must contain the information in 40 CFR 63.6650(c) (1) through (4) and the information in 40 CFR 63.6650(d) (1) and (2).
 - i. The total operating time of the stationary RICE at which the deviation occurred during the reporting period.
 - ii. Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken.
- 37. Pursuant to 35 Ill. Adm. Code 212.110(d), a person planning to conduct testing for particulate matter emissions to demonstrate compliance shall give written notice to the Illinois EPA of that intent. Such notification shall be given at least thirty (30) days prior to the initiation of the test unless a shorter period is agreed to by the Illinois EPA. Such notification shall state the specific test methods from 35 Ill. Adm. Code 212.110 that will be used.
- 38. Pursuant to 35 Ill. Adm. Code 218.990, upon request by the Illinois EPA, the owner or operator of an emission unit which is exempt from the requirements of 35 Ill. Adm. Code 218 Subparts PP, QQ, RR, TT or 35 Ill. Adm. Code 218.208(b) shall submit records to the Illinois EPA within 30 calendar days from the date of the request that document that the emission unit is exempt from those requirements.
- 39a. On a quarterly basis, the Permittee shall submit to the Illinois EPA copies of records required pursuant to condition 33(a) (i) of any odor complaint(s) that have been received at the plant (including copies of compliant(s) that have been forwarded to the Permittee by the City of North Aurora or by Kane County). The Permittee shall submit copies of relevant records for the time period(s) of interest to the Illinois EPA, accompanied by such additional narrative explanation as the Permittee elects to provide. For this purpose, such information shall include the following data as the Permittee believes that such data is significant to disputing or understanding the alleged incident: meteorological data, data identifying deviations from proper operation of units, data confirming proper operation of units, and the name(s), address(es), and telephone number(s) of the person(s) registering a complaint.
- b. Quarterly reports shall be submitted to the Illinois EPA's Compliance Section in Springfield, Illinois no later than 30 days after the preceding calendar quarter.
- 40a. If there is an exceedance of or a deviation from the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance

Section in Springfield, Illinois within 30 days after the exceedance or deviation. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, a description of the exceedance or deviation and efforts to reduce emissions and future occurrences.

- b. Two (2) copies of required reports and notifications shall be sent to:

Illinois Environmental Protection Illinois EPA
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Illinois EPA
Division of Air Pollution Control- Region 1
9511 West Harrison
Des Plaines, Illinois 60016

41. The assembly of this plant at a new location will require a construction permit. This permit must be obtained prior to commencing construction at the new location. For this purpose, a new location is defined as a location in Illinois at which the plant does not have a valid operating permit or authorization letter.

If you have any questions regarding this authorization, please contact George Kennedy at 217/782-2113.

Edwin C. Bakowski, P.E.
Manager, Permit Section
Division of Air Pollution Control

Date Signed: _____

ECB:RWB:psj

cc: Illinois EPA, FOS Region 1
Lotus Notes

Attachment A - Emissions Summary

This attachment provides a summary of the maximum emission of an affected drum-mix asphalt plant operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario, which results in maximum emissions from such a plant. This is production of 810,000 tons of asphalt, the processing of 425,000 tons of reclaimed asphalt pavement (RAP) and recycled concrete, and 100,000 gallons of fuel oil for the generator,. The resulting maximum emissions are below the levels (e.g., 100 tons per year of CO, NO_x, and SO₂) at which a plant would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from an affected drum-mix asphalt plant will be less than predicted in this summary to the extent that less material will be handled by the plant, gaseous fuel is used, and control measures are more effective than required by this permit.

<u>Item of Equipment</u>	Annual Emissions (Tons/year)				
	<u>CO</u>	<u>NO_x</u>	<u>PM</u>	<u>SO₂</u>	<u>VOM</u>
Drum Mixer/Dryer	52.00	22.00	13.20	23.20	12.80
Asphalt Silo Filling	0.48	----	0.24	----	4.88
Truck Loadout	0.54	----	0.21	----	1.67
Asphalt Heaters	1.14	1.35	0.10	0.01	0.07
3 Crushers	----	----	0.84	----	----
2 Screens	----	----	0.88	----	----
4 Conveyors	----	----	0.14	----	----
Storage Tanks	----	----	----	----	3.08
Diesel-Powered Generators	<u>17.85</u>	<u>67.20</u>	<u>2.10</u>	<u>5.94</u>	<u>1.89</u>
Total	<u>72.01</u>	<u>90.55</u>	<u>17.71</u>	<u>29.15</u>	<u>24.39</u>

Attachment B - Table 3 to Subpart 000 of Part 60 - Fugitive Emission Limits

For	The owner or operator must meet the following fugitive emissions limit for grinding mills, screening operations, bucket elevators, transfer points on belt conveyors, bagging operations, storage bins, enclosed truck or railcar loading stations or from any other affected facility (as defined in 40 CFR 60.670 and 60.671)	The owner or operator must meet the following fugitive emissions limit for crushers at which a capture system is not used	The owner or operator must demonstrate compliance with these limits by conducting
Affected facilities (as defined in 40 CFR 60.670 and 60.671) that commenced construction, modification, or reconstruction after August 31, 1983 but before April 22, 2008	10 percent opacity	15 percent opacity	An initial performance test according to 40 CFR 60.11 and 40 CFR 60.675.
Affected facilities (as defined in 40 CFR 60.670 and 60.671) that commence construction, modification, or reconstruction on or after April 22, 2008	7 percent opacity	12 percent opacity	An initial performance test according to 40 CFR 60.11 and 40 60.675; and Periodic inspections of water sprays according to 40 CFR 60.674(b) and 40 CFR 60.676(b); and
			A repeat performance test according to 40 CFR 60.11 40 CFR 60.675 within 5 years from the previous performance test for fugitive emissions from affected facilities without water sprays. Affected facilities controlled by water carryover from upstream water sprays that are inspected according to the requirements in 40 CFR 60.674(b) and 40 CFR 60.676(b) are exempt from this 5-year repeat testing requirement.

Attachment C - Table 2d to Subpart ZZZZ of Part 63 - Requirements for Existing
Compression Ignition Stationary RICE Located at Area Sources of HAP Emissions

As stated in 40 CFR 63.6600 and 63.6640, you must comply with the following emission and operating limitations for existing compression ignition stationary RICE:

For each	You must meet the following requirement, except during periods of startup	During periods of startup you must
2. Non-Emergency, non-black start CI stationary RICE 300 <HP<= 500	a. Limit concentration of CO in the stationary RICE exhaust to 49 ppmvd at 15 percent O ₂ ;	
	b. Reduce CO emissions by 70 percent or more.	
3. Non-Emergency, non-black start CI > 500 HP	a. Limit concentration of CO in the stationary RICE exhaust to 23 ppmvd at 15 percent O ₂ ; or	
	b. Reduce CO emissions by 70 percent or more	

Attachment D - Table 3 to Subpart ZZZZ of Part 63 - Subsequent Performance Tests

As stated in 40 CFR 63.6615 and 63.6620, you must comply with the following subsequent performance test requirements:

For each	Complying with the requirement to	You must
4. Existing non-emergency, non-black start CI stationary RICE with a brake horsepower >500 that are not limited use stationary RICE	Limit or reduce CO or formaldehyde emissions	Conduct subsequent performance tests every 8,760 hours or 3 years, whichever comes first.

Attachment E - Table 4 to Subpart ZZZZ of Part 63 - Requirements for Performance Tests

As stated in 40 CFR 63.6610, 63.6611, 63.6612, 63.6620, and 63.6640, you must comply with the following requirements for performance tests for stationary RICE for existing sources:

For each:	Complying with the requirement to:			Requirements:
3. Stationary RICE	a. Limit the concentration of formaldehyde or CO in the stationary RICE exhaust	i. Select the sampling port location and the number of traverse points; and	(1) Method 1 or 1A of 40 CFR Part 60, Appendix A 40 CFR 63.7(d) (1) (i)	(a) If using a control device, the sampling site must be located at the outlet of the control device.
		ii. Determine the O ₂ concentration of the stationary RICE exhaust at the sampling port location; and	(1) Method 3 or 3A or 3B of 40 CFR Part 60, Appendix A, or ASTM Method D6522-00 (2005)	(a) Measurements to determine O ₂ concentration must be made at the same time and location as the measurements for formaldehyde concentration.
		iii. Measure moisture content of the stationary RICE exhaust at the sampling port location; and	(1) Method 4 of 40 CFR Part 60, Appendix A, or Test Method 320 of 40 CFR Part 63, Appendix A, or ASTM D 6348-03	(a) Measurements to determine moisture content must be made at the same time and location as the measurements for formaldehyde concentration.
		iv. Measure formaldehyde at the exhaust of the stationary RICE; or	(1) Method 320 of 40 CFR Part 63, Appendix A; or ASTM D6348-03 ^c , provided in ASTM D6348-03 Annex A5 (Analyte Spiking Technique), the percent R must be greater than or equal to 70 and less than or equal to 130	(a) Formaldehyde concentration must be at 15 percent O ₂ , dry basis. Results of this test consist of the average of the three 1-hour or longer runs.
		v. Measure CO at the exhaust of the stationary RICE.	(1) Method 10 of 40 CFR Part 60, Appendix A, ASTM Method D6522-00 (2005) ^a , Method 320 of 40 CFR Part 63, Appendix A, or ASTM D6348-03	(a) CO concentration must be at 15 percent O ₂ , dry basis. Results of this test consist of the average of the three 1-hour longer runs.

- ^a You may also use Methods 3A and 10 as options to ASTM-D6522-00 (2005). You may obtain a copy of ASTM-D6522-00 (2005) from at least one of the following addresses: American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959, or University Microfilms International, 300 North Zeeb Road, Ann Arbor, MI 48106. ASTM-D6522-00 (2005) may be used to test both CI and SI stationary RICE.
- c You may obtain a copy of ASTM-D6348-03 from at least one of the following addresses: American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959, or University Microfilms International, 300 North Zeeb Road, Ann Arbor, MI 48106.

Attachment F - Table 5 to Subpart ZZZZ of Part 63 - Initial Compliance With
Emission Limitations and Operating Limitations

As stated in 40 CFR 63.6612, 63.6625 and 63.6630, you must initially comply with the emission and operating limitations as required by the following:

For each:	Complying with the requirement to:	You have demonstrated initial compliance if:
<p>2. New or reconstructed non-emergency 2SLB stationary RICE > 500 HP located at a major source of HAP, new or reconstructed non-emergency 4SLB stationary RICE ≥ 250 HP located at a major source of HAP, non-emergency stationary CI RICE > 500 HP located at a major source of HAP, existing non-emergency stationary CI RICE > 500 HP located at an area source of HAP, and existing non-emergency 4SLB stationary RICE > 500 HP located at an area source of HAP that are operated more than 24 hours per calendar year</p>	<p>a. Reduce CO emissions and not using oxidation catalyst</p>	<p>i. The average reduction of emissions of CO determined from the initial performance test achieves the required CO percent reduction; and</p>
<p>8. Existing non-emergency stationary RICE 100 ≤ HP ≤ 500 located at a major source of HAP, and existing non-emergency stationary CI RICE 300 < HP ≤ 500 located at an area source of HAP</p>	<p>a. Reduce CO or formaldehyde emissions</p>	<p>i. The average reduction of emissions of CO or formaldehyde, as applicable determined from the initial performance test is equal to or greater than the required CO or formaldehyde, as applicable, percent reduction.</p>
<p>9. Existing non-emergency stationary RICE 100 ≤ HP ≤ 500 located at a major source of HAP, and existing non-emergency stationary CI RICE 300 < HP ≤ 500 located at an area source of HAP</p>	<p>a. Limit the concentration of formaldehyde or CO in the stationary RICE exhaust</p>	<p>i. The average formaldehyde or CO concentration, as applicable, corrected to 15 percent O₂, dry basis, from the three test runs is less than or equal to the formaldehyde or CO emission limitation, as applicable.</p>

Attachment G - Table 6 to Subpart ZZZZ of Part 63 - Continuous Compliance With
Emission Limitations and Operating Limitations

As stated in 40 CFR 63.6640, you must continuously comply with the emissions and operating limitations as required by the following:

For each:	Complying with the requirement to:	You must demonstrate continuous compliance by:
10. Existing stationary RICE >500 HP that are not limited use stationary RICE, except 4SRB >500 HP located at major sources	a. Reduce CO or formaldehyde emissions; or b. Limit the concentration of formaldehyde or CO in the stationary RICE exhaust	i. Conducting performance tests every 8,760 hours or 3 years, whichever comes first, for CO or formaldehyde, as appropriate, to demonstrate that the required CO or formaldehyde, as appropriate, percent reduction is achieved or that your emissions remain at or below the CO or formaldehyde concentration limit.

Attachment H - Table 7 to Subpart ZZZZ of Part 63 - Requirements for Reports

As stated in 40 CFR 63.6650, you must comply with the following requirements for reports:

You must submit a(n):	The report must contain:	You must submit the report:.
1. Compliance report	a. If there are no deviations from any emission limitations or operating limitations that apply to you, a statement that there were no deviations from the emission limitations or operating limitations during the reporting period. If there were no periods during which the CMS, including CEMS and CPMS, was out-of-control, as specified in 40 CFR 63.8(c)(7), a statement that there were not periods during which the CMS was out-of-control during the reporting period; or	i. Semiannually according to the requirements in 40 CFR 63.6650(b)(1)-(5) for engines that are not limited use stationary CI RICE subject to numerical emission limitations; and ii. Annually according to the requirements in 40 CFR 63.6650(b)(6)-(9) for engines that are limited use stationary CI RICE subject to numerical emission limitations.
	b. If you had a deviation from any emission limitation or operating limitation during the reporting period, the information in 40 CFR 63.6650(d). If there were periods during which the CMS, including CEMS and CPMS, was out-of-control, as specified in 40 CFR 63.8(c)(7), the information in 40 CFR 63.6650(e); or	i. Semiannually according to the requirements in 40 CFR 63.6650(b).
	c. If you had a malfunction during the reporting period, the information in 40 CFR 63.6650(c)(4).	i. Semiannually according to the requirements in 40 CFR 63.6650(b).
2. Report	a. The fuel flow rate of each fuel and the heating values that were used in your calculations, and you must demonstrate that the percentage of heat input provided by landfill gas or digester gas, is equivalent to 10 percent or more of the gross heat input on an annual basis; and	i. Annually, according to the requirements in 40 CFR 63.6650.
	b. The operating limits provided in your Federally enforceable permit, and any deviations from these limits; and	i. See item 2.a.i.
	c. Any problems or errors	i. See item 2.a.i.

You must submit a(n):	The report must contain: suspected with the meters	You must submit the report:.
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