Form RE-04 REQUIREMENTS: NSPS

STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES AND EMISSIONS GUIDELINES FOR EXISTING SOURCES

(567 IAC 23.1(2) and 23.1(5) *New source performance standards (NSPS)*; NSPS 40 CFR 60 in part)

1) From Form **RE-00 REQUIREMENTS REVIEW** you have identified that the facility may be subject to regulations for New Source Performance Standards (NSPS). NSPS are state and federal rules that define limits, testing and monitoring for certain specific emission units. These standards are proposed and promulgated in the Federal Register and published in the Code of Federal Regulations, title 40 part 60 (40 CFR 60) and adopted by the state. Table E lists the standards promulgated through November 16, 2007. Table E (Standards of performance for new stationary sources) may not be complete if a new NSPS has been promulgated since this form was last revised. The best way to obtain current information on NSPS regulations is through the Federal Register since there can be a significant time-lag between the date when a standard is promulgated and when it is finally published in the Code of Federal Regulations.

2) Read through the emission source list in Table E. If you have modified (as defined in 40 CFR 60.14), reconstructed (as defined in 40 CFR 60.15) or constructed the described emission source on or after the effective date listed in the table, your facility may be subject to the requirements of NSPS (567 IAC 23.1(2) and 40 CFR 60).

   Generally, *modifications* are any physical or operational change to an existing facility which results in an increase in the emission rate to the atmosphere of any pollutant to which a standard applies.

   Generally, *reconstruction* means that the cost of a repair exceeds 50% of what it would cost to install a new emission unit. If the facility has had an extensive and expensive repair, it may count as a reconstruction irrespective of any change in emission rate.

   If you know or suspect that standards may apply to your facility you must refer to the corresponding 40 CFR 60 subpart and read the requirements in detail to make a final determination. Note: the general provisions found in 40 CFR 60 subpart A apply to ALL facilities subject to NSPS requirements.

3) After you have reviewed the list of sources subject to NSPS and read any applicable 40 CFR 60 subparts, check one of the following boxes:
   - ☐ NO, the facility IS NOT subject to NSPS. Go to Form **RE-00 REQUIREMENTS REVIEW**, question 4d and answer NO.
   - ☐ YES, the facility, or a portion of it, IS subject to NSPS, and affected units are listed in the following table.

40 CFR 60 Subpart	List All Emission Units Subject to Each Subpart

40 CFR 60 Appendices provide the following requirements for NSPS sources: reference test methods (Appendix A), performance specifications (Appendix B), determination of emission rate change (Appendix C), and quality assurance procedures (Appendix F). 40 CFR 60 subpart A also contains applicable requirements for NSPS sources.

Go to Form **RE-00 REQUIREMENTS REVIEW**, question 4d, and answer YES.

TABLE E
STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES & EMISSIONS GUIDELINES FOR EXISTING SOURCES

Performance Standards promulgated as of March 21, 2011

Source Categories subject to NSPS	567 IAC 23.1(5)	Effective date of Construction, Modification or Reconstruction	40 CFR 60 Subpart
Municipal solid waste landfills – Emissions Guidelines & Compliance Times	"a"	Before: 05/30/91	Cc
Commercial and Industrial Solid Waste Incineration Units - Emissions Guidelines and Compliance Times	"c"	On or Before 11/30/99	Part 62 Subpart III
Commercial and Industrial Solid Waste Incineration Units - Emissions Guidelines and Compliance Times		See rule for details	DDDD
Sewage Sludge Incineration Units - Emission Guidelines and Compliance Times		On or Before 10/14/2010	MMMM

Source Categories subject to NSPS	567 IAC 23.1(2)	Effective date of Construction, Modification or Reconstruction	40 CFR 60 Subpart
Fossil fuel-fired steam generators >250 MMBtu/hr not covered under 40 CFR 60 subparts Da, or Db (after 06/19/86)	"a"	After: 08/17/71	D
Electric utility steam generators >250 MMBtu/hr Combined cycle gas turbines > 250 MMBtu/hr not covered under 40 CFR 60 subpart KKKK	"z"	After: 09/18/78 (generators) After: 02/28/05 (turbines)	Da
Industrial-commercial-institutional steam generators > 100 MMBtu/hr not covered under 40 CFR 60 subparts Da, Ea, Eb, GG (heat recovery), AAAA, or KKKK (heat recovery)	"ccc"	After: 06/19/84	Db
Industrial-commercial-institutional steam generators ≥10 MMBtu but ≤100 MMBtu/hr not covered under 40 CFR 60 subparts GG (heat recovery), AAAA, or KKKK (heat recovery)	"lll"	After: 06/09/89	Dc
Incinerators > 50 tons/day not covered under 40 CFR 60 subparts Cb, Eb, AAAA, or BBBB	"b"	After: 08/17/71	E
Municipal waste combustors > 250 tons/day not covered by 40 CFR 60 subpart Eb	"nnn"	After: 12/20/89 and on or before 09/20/94	Ea
Large municipal waste combustors > 250 tons/day	"sss"	After: 09/20/94	Eb
Portland cement plants	"c"	After: 08/17/71	F
Nitric acid plants	"d"	After: 08/17/71	G
Sulfuric acid plants	"e"	After: 08/17/71	H
Asphalt concrete plants	"f"	After: 6/11/73	I
Petroleum refineries	"g"	After: 6/11/73	J
Petroleum storage vessels with capacity > 40,000 gallons	"bb"	After: 6/11/73 and prior to 5/19/78	K
Petroleum storage vessels with capacity > 40,000 gallons	"cc"	After: 5/18/78 and prior to 7/23/84	Ka
Volatile organic liquid storage vessels (including petroleum liquids)	"ddd"	After: 07/23/84	Kb
Secondary lead smelters	"h"	After: 06/11/73	L
Secondary brass and bronze production plants	"i"	After: 06/11/73	M
Oxygen process furnaces	"j"	After: 06/11/73	N

Source Categories subject to NSPS	567 IAC 23.1(2)	Effective date of Construction, Modification or Reconstruction	40 CFR 60 Subpart
Oxygen process steelmaking facilities	"yy"	After: 01/20/83	Na
Sewage treatment plants	"k"	After: 06/11/73	O
Primary copper smelters	"m"	After: 10/16/74	P
Primary zinc smelters	"n"	After: 10/16/74	Q
Primary lead smelters	"o"	After: 10/16/74	R
Primary aluminum reduction plants	"p"	After: 10/23/74	S
Wet process phosphoric acid plants in the phosphate fertilizer industry	"q"	After: 10/22/74	T
Superphosphoric acid plants in the phosphate fertilizer industry	"r"	After: 10/22/74	U
Diammonium phosphate plants in the phosphate fertilizer industry	"s"	After: 10/22/74	V
Triple superphosphate plants in the phosphate fertilizer industry	"t"	After: 10/22/74	W
Granular triple superphosphate storage facilities in the phosphate fertilizer industry	"u"	After: 10/22/74	X
Coal preparation plants > 200 tons/day	"v"	After: 10/24/74	Y
Ferroalloy production facilities	"w"	After: 10/21/74	Z
Steel plants	"l"	After 10/21/74 and on or before 8/17/83	AA
Electric arc furnaces and argon-oxygen decarburization vessels	"ww"	After: 08/17/83	AAa
Kraft pulp mills	"x"	After: 09/24/76	BB
Glass manufacturing plants	"dd"	After: 06/15/79	CC
Grain elevators	"ooo"	After: 08/03/78	DD
Surface coating metal furniture	"gg"	After: 11/28/80	EE
Stationary gas turbines ≥ 10 MMBtu/hr not covered under 40 CFR 60 subpart KKKK	"aa"	After: 10/03/77	GG
Lime manufacturing plants	"y"	After: 05/03/77	HH
Lead-acid battery manufacturing plants	"hh"	After: 01/14/80	KK
Metallic mineral processing plants	"rr"	After: 08/24/82	LL
Automobile and light-duty truck surface coating operations	"ee"	After: 10/05/79	MM
Phosphate rock plants > 4 tons/hr	"ii"	After: 09/21/79	NN
Ammonium sulfate manufacture	"ff"	After: 02/04/80	PP
Graphic arts industry: publication rotogravure printing	"jj"	After: 08/28/80	QQ
Pressure sensitive tape and label surface coating operations	"qq"	After: 12/30/80	RR
Industrial surface coating: large appliances	"kk"	After: 12/24/80	SS
Metal coil surface coating	"ll"	After: 01/05/81	TT
Asphalt processing and asphalt roofing manufacture	"mm"	After: 11/18/80	UU
Equipment leaks of VOC in the synthetic organic chemicals manufacturing industry	"nn"	After: 01/05/81 and on or before 11/07/06	VV
Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry		After 11/07/06	VVa

Source Categories subject to NSPS	567 IAC 23.1(2)	Effective date of Construction, Modification or Reconstruction	40 CFR 60 Subpart
Beverage can surface coating industry	"oo"	After: 11/26/80	WW
Bulk gasoline terminals	"pp"	After: 12/17/80	XX
New residential wood heaters	federal only	After: 07/01/88	AAA
Rubber tire manufacturing industry	"eee"	After: 01/20/83	BBB
VOC emissions from the polymer manufacturing industry	"mmm"	After: 09/30/87 or 01/10/89 (depend on processes, see rule for details)	DDD
Flexible vinyl and urethane coating and printing	"uu"	After: 01/18/83	FFF
Equipment leaks of VOC in petroleum refineries not covered under 40 CFR 60 subparts VV, VVa, or KKK	"tt"	After: 01/04/83 and on or before 11/07/06	GGG
Equipment leaks of VOC in petroleum refineries not covered under 40 CFR 60 subparts VV, VVa, GGG, or KKK		After 11/07/06	GGGa
Synthetic fiber production facilities > 551 tons/year	"ss"	Construction or reconstruction after: 11/23/82	HHH
VOC emissions from synthetic organic chemical manufacturing industry air oxidation unit processes	"jjj"	After: 10/21/83	III
Petroleum dry cleaners (total dryer capacity > 84 pounds)	"vv"	After: 12/14/82	JJJ
Equipment leaks of VOC from on-shore natural gas processing plants not covered under 40 CFR 60 subparts VV or GGG	"zz"	After: 01/20/84	KKK
On shore natural gas processing: SO_2 emissions	"aaa"	After: 01/20/84	LLL
VOC emissions from synthetic organic chemical manufacturing industry distillation operations	"kkk"	After: 12/30/83	NNN
Nonmetallic mineral processing plants (including sand and gravel processing) not covered under 40 CFR 60 subparts F or I	"bbb"	After: 08/31/83	OOO
Wool fiberglass insulation manufacturing plants	"xx"	After: 02/07/84	PPP
VOC emissions from petroleum refinery wastewater systems	"ggg"	After: 05/04/87	QQQ
VOC emissions from the synthetic organic chemical manufacturing industry (SOCMI) reactor processes not covered under 40 CFR 60 subpart DDD	"qqq"	After: 06/29/90	RRR
Magnetic tape coating facilities	"hhh"	After: 01/22/86	SSS
Industrial surface coating: Surface coating of plastic parts for business machines	"fff"	After: 01/08/86	TTT
Calciners and dryers in mineral industries not covered under 40 CFR 60 subpart LL	"ppp"	After: 04/23/86	UUU
Polymeric coating of supporting substrates facilities	"iii"	After: 04/30/87	VVV
Municipal solid waste landfills	"rrr"	On or After: 05/30/91	WWW
New small municipal waste combustion units ≥ 35 tons/day but ≤ 250 tons/day	"uuu"	Construction after 08/30/99, reconstruction or modification after 06/06/01	AAAA
Commercial and industrial solid waste incineration units not covered under 40 CFR 60 subparts Cb, Ce, Ea, Eb, Ec, O, AAAA, BBBB, MMMM, LLLL, or 40 CFR 63 subpart EEE	"vvv"	Construction after 5/20/11, reconstruction or modification after 9/21/11	CCCC

Source Categories subject to NSPS	567 IAC 23.1(2)	Effective date of Construction, Modification or Reconstruction	40 CFR 60 Subpart
Other solid waste incineration units not covered under 40 CFR 60 subparts Cb, Ce, Ea, Eb, Ec, CCCC, DDDD, AAAA, BBBB, or 40 CFR 63 subparts EEE, or LLL	"www"	Construction after 12/09/04, reconstruction or modification after 06/16/06	EEEE
Stationary compression ignition internal combustion engines	"yyy"	After 07/11/05	IIII
Stationary spark ignition internal combustion engines	"zzz"	*See Rule*	JJJJ
Stationary combustion turbines ≥ 10 MMBtu/hr	"aaaa"	After 02/18/05	KKKK
New Sewage Sludge Incineration Units		Construction after 10/14/10, modification after 9/21/11	LLLL