

NSPS Notebook

NSPS Notebook is a database summarizing each NSPS Subpart, Appendix, and extensively referenced rules. It is an assistance tool for New Source Performance Standards (40 CFR Part 60). An extensively referenced rule is a rule that a NSPS Subpart references for a large amount of requirements, including, but not limited to, emission limits, testing methods, QA activities and recordkeeping.

To get to the NSPS Notebook:


Go to Nebraska Department of Environmental Quality's website at: www.deq.state.ne.us






- Click on “Focus on Air” {left side of screen}
- Scroll down to “Air Planning and Development Program
- Click on “NSPS Notebook” or “New Source Performance Standards (NSPS) Program”.
 - If you chose “New Source Performance Standards (NSPS) Program”, a summary of the NSPS program will appear and there is a link to the “NSPS Notebook”.
- When you click “NSPS Notebook”, you can do a word search in the NSPS Notebook by choosing “Search the NSPS Notebook” or you can click on the NSPS Subpart/Appendix/extensively referenced rule to take you to the contents page for that NSPS Subpart/Appendix/extensively referenced rule.
 - The list is alphabetical by subpart first, then appendices, and then referenced rules.
- An example of the contents page (NSPS Subpart IIII) is shown on the next 4 pages.

NSPS Notebook

Stationary Compression Ignition Internal Combustion Engines (CI ICE) - Subpart IIII

Applicability:	<p>Applies to manufacturers, owners, and operators of stationary compression (CI) internal combustion engines (ICE).</p> <p>Manufacturers of stationary CI ICE with a displacement of less than 30 liters per cylinder where the model year is:</p> <ul style="list-style-type: none"> - 2007 or later, for engines that are not fire pump engine; - For fire pump engines <ul style="list-style-type: none"> <75 kW (<100 hp): 2011 75≤KW<130 (100≤HP<175): 2010 130≤KW≤560 (175≤HP≤750): 2009 >560 kW (750 hp): 2008 <p>Owners/operators of stationary CI ICE that commenced construction after July 11, 2005, where the stationary CI ICE are:</p> <ul style="list-style-type: none"> - manufactured after April 1, 2006 and are not fire pump engines; or - manufactured as a certified National Fire Protection Association (NFPA) fire pump engine after July 1, 2006. <p>Owners/operators of stationary CI ICE that modify or reconstruct their stationary CI ICE after July 11, 2005.</p> <p>The date that construction commences is the date the engine is ordered by the owner or operator. The installation date is the date the engine is installed at the plant site.</p> <p><u>Exemptions</u></p> <p>(1) Stationary CI ICE test cell/stand. (2) Stationary CI ICE used for national security (see fact sheet)</p>
Date of Original Final Rule:	07/10/2006
Amendments Dates:	<p>7/11/2006 (71 FR 39172) - original final rule. This subpart was issued along with amendments to associated nonroad engine rules (40 CFR 85, 89, 94, 1039, 1065, and 1068)</p> <p>6/28/2011 (76 FR 37954) - §60.4200 revised (a), (a)(1)(ii) and (a)(3); added (a)(4) and (e); §60.4201 revised (d); added (d)(1) {was previously part of (d)}, (d)(2), (d)(3), (e), (f) and (g); §60.4202 removed/reserved (c); added (e), (f), (g), and (h); §60.4203 revised heading and paragraph; §60.4204 redesignated (c)(2) to (c)(4), revised (c) and(c)(1), added (c)(1)(i)-(iii), (c)(2), (c)(3), (d), and (e); §60.4205 redesignated (d)(2) to (d)(3), revised (a), (d), (d)(1), and new</p>

	(d)(3), added new (d)(1)(i)-(iii) (d)(2), (e), and (f); §60.4206 revised paragraph; §60.4207 Removed/reserved (c), and revised(b) and (d); §60.4208 redesignated (g) and (h) to (i) and (i), revised heading and new (h), and added new (g); §60.4209 revised (a); §60.4210 revised (b), (c), (c)(3)(i), (c)(3)(ii), and (d); §60.4211 redesignated (e) to (f), revised (a), (c), and new (f), added (a)(1) - (a)(3) {were part of (a)}, new (e) and (g); §60.4212 revised introductory paragraph and (a), and added (e); §60.4213 revised introductory paragraph; §60.4215 revised (a), and added (c); §60.4216 revised (a) and (b), and added (c), (d), (e), and (f); §60.4217 removed (a) and (b) designation, and revised paragraph {was (a)}; §60.4219 {definitions} - removed "Useful life"; revised "Model year" and "Stationary internal combustion engine"; added "Certified emissions life", "Date of manufacture", "Freshly manufactured engine", and "Installed"; Table 3 - removed statement between title and table, and added footnote to table; {Issued with NSPS Subpart JJJJ, and 40 CFR parts 1039, 1042, 1065, and 1065.}
Recent Rulemaking Activity:	6/28/2011 amendment finalized  NSPS Subparts IIII-JJJJ - 6-28-2011 Federal Register.pdf (File size 273 KB)
State Regulations:	Title 129, Chapter 18, Section 001.76 (as amended as of 7/1/2009)
Federal Regulations:	40 CFR 60.4200
Related Rules:	NSPS Subpart A (General Provisions), NSPS Subpart JJJJ (Stationary spark ignition RICE); NESHAP Subpart ZZZZ (RICE); NESHAP Subpart PPPPP (Engine test cells & stands) <u>Nonroad engine rules</u> (NSPS Subpart IIII extensively references the nonroad CI ICE rules) 40 CFR 89 : Control of emissions from new and in-use nonroad CI ICE <19 kW & manufactured after 1/1/2000 19 kW to 37 kW & manufactured after 1/1/1999 37kW to 75 kW & manufactured after 1/1/1998 75 kW to 130 kW & manufactured after 1/1/1997 130 kW to 560 kW & manufactured after 1/1/1996 ≥560 kW & manufactured after 1/1/2000 40 CFR 94 : Control of emissions from marine CI ICE ≥35 kW & manufactured after 1/1/2004 40 CFR 1039 : Control of emissions from new and in-use nonroad CI ICE <19 kW & starting model year 2008 (some 2010) 19 kW to 56 kW & starting model year 2008

	<p>(some 2012) 56 kW to 130 kW & starting model year 2012 130 kW to 560 kW & starting model year 2011 >560 kW & starting model year 2011</p> <p>40 CFR 1042: New CI marine engine (model year 2009-2014 depending on size and cylinder displacement). 40 CFR 1065: Engine testing procedures (CI ICE and SI ICE) 40 CFR 1068: General compliance provisions for nonroad programs</p>
<p>Regulations and Federal Registers:</p>	<p><u>Current Rule as of 6-28-2011</u></p> <p> NSPS Subpart IIII - as of 6-28-2011.pdf (File size 247 KB)</p> <p><u>1-1-2010 version showing 6-28-2011 amendments</u></p> <p> NSPS Subpart IIII - showing 6-28-2011 amendment.pdf (File size 259 KB)</p> <p><u>Current Rule as of 1-1-2010</u></p> <p> NSPS Subpart IIII.pdf (File size 221 KB)</p> <p><u>Supporting rules</u> Current fuel standard (§80.510)</p> <p> 40 CFR 80-510.pdf (File size 15 KB)</p>
<p>FAQs, Fact Sheets, and Rule Summaries:</p>	<p>National security exemption</p> <p> National Security Exemption.pdf (File size 12 KB)</p>
<p>Specific Informations:</p>	<p><u>Fuel standard - diesel fuel (§60.4207)</u> Beginning October 1, 2007 to September 30, 2010: 40 CFR 80.510(a)</p> <p>Sulfur content: 500 ppm maximum; and Centane index: minimum of 40; or Aromatic content: maximum of 35 volume percent.</p> <p>Beginning October 1, 2010: 40 CFR 80.510(b) - nonroad diesel fuel (applies only to CI ICE with displacement of <30 liters/cylinder</p> <p>Sulfur content: 15 ppm maximum; and Centane index: minimum of 40; or Aromatic content: maximum of 35 volume percent.</p> <p>Owner/operator may petition EPA/State to allow the use of</p>

	<p>non-compliant fuel for 6 months beyond the above "beginning" date to use up existing fuel inventories.</p> <p><u>Operating Permits</u> Operating (Title V) Permitting is not required for the CI ICE, unless the plant site is otherwise subject to 40 CFR Part 70 or 71 {i.e. the combination of all emission sources exceed the Operating Permitting threshold for emissions, or other emission sources are required to obtain an operating permit (i.e. incinerator)} {§60.4200(c)}</p>
General Information:	
Additional Materials:	<p><u>Amendments to related engine rules</u> 4/30/2010 (75 FR 22896 to 23065) - final - changed 40 CFR 80 (Fuels) - multiple sections 40 CFR 85 (Mobile sources) - two sections 40 CFR 86 (Highway vehicles/engines) - multiple sections 40 CFR 94 (Marine CI ICE) - three sections 40 CFR 1027 (Fees for engine programs) - four sections 40 CFR 1033 (Locomotives) - multiple sections 40 CFR 1039 (Nonroad CI ICE) - multiple sections 40 CFR 1042 (Marine CI ICE) - multiple sections 40 CFR 1043 (Marine CI ICE) - new part (multiple sections) 40 CFR 1045 (Marine SI ICE) - multiple sections 40 CFR 1048 (Large nonroad SI ICE) - multiple sections 40 CFR 1051 (Recreational engines) - multiple sections 40 CFR 1054 (Small nonroad SI ICE) - multiple sections 40 CFR 1060 (Evap. emissions from ICE) - seven sections 40 CFR 1065 (Engine testing) - multiple sections 40 CFR 1068 (General compliance - engines) - multiple sections</p> <p>6/8/2010 (75 FR 32612 to 75 FR 32634) - proposal - 40 CFR 1039.20, 40 CFR 1042.1, 40 CFR 1065.1, and 40 CFR 1068.1</p>
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NSPS Notebook Contents Page

Applicability Section

- Summary of applicability
- Specific exemptions
- For incinerators – identify related emission guidelines/standard
- For Appendices – listing of test methods/procedures/performance specifications

Date of Original Final Rule

Amendment Dates

- List of all finals (new and amendments) issued
- List of recent stays issued
- List of recent vacatur
- Each item includes date issued and, if applicable, Federal Register citation.
- Each item in list with a date after 1/1/2000 includes a summary of the changes made and, if applicable, other rules issued with it.

Recent Rulemaking Activity

- All proposals not yet finalized
 - Date, Federal Register citation, summary of proposal, and list of other rules issued with it.
 - Copy of Federal Register document (PDF).
 - A track-changes version showing the changes proposed (PDF).
- All lists recent finals, vacatur and stays.

State Regulations

- If the rule has been adopted into Title 129
 - Chapter 18 and Section number specified
 - Amended date
 - The latest amendment date of the subpart/rule that has been adopted into Title 129.
 - More recent amendment(s) may not be adopted yet.

Federal Regulation

- Initial Code of Federal Regulations citation

Related Rules

- Rules listed in NSPS Notebook or Air Toxic Notebook for
 - same emission unit
 - similar emission unit in a closely related industry
 - other equipment in the same industry
- These related rules are hyperlinked to the other contents pages in the Notebooks

Regulations and Federal Registers

- Current rule (PDF)
- Federal Register(s) (PDF)
- Track-changes version of final amendments as incorporated into rule (PDF – starting 1/1/2010 amendment dates, but earlier amendments may also be shown).
 - Shows deletions, additions, redesignated citations
 - Comments may be added if the change was complicated.

FAQs, Fact Sheets, and Rule Summaries

- Fact sheets developed by NDEQ
- Only pertinent applicability determinations by NDEQ are listed
- Only pertinent applicability determinations by EPA are listed

Specific Information

- Any NSPS Subpart not required to get an Operating Permit based solely on the emission unit that is subject to a NSPS Subpart.
- Listing of any specific citation within the NSPS Subpart that EPA has not delegated authority to state or local governments.
- Other helpful information – i.e. fuel composition restrictions per 40 CFR 80.510

General Information and Additional Materials

- Information that may be helpful for clarification of the subpart in question.