

§ 1048.130

paragraph (a) introductory text and paragraph (d), effective Aug. 30, 2004. For the convenience of the user, the revised text is set forth as follows:

§ 1048.125 What maintenance instructions must I give to buyers?

(a) Critical emission-related maintenance. Critical emission-related maintenance includes any adjustment, cleaning, repair, or replacement of critical emission-related components. This may also include additional emission-related maintenance that you determine is critical if we approve it in advance. You may schedule critical emission-related maintenance on these components if you meet the following conditions:

\* \* \* \* \*

(d) Noncritical emission-related maintenance. You may schedule any amount of emission-related inspection or maintenance that is not covered by paragraph (a) of this section, as long as you state in the owners manual that these steps are not necessary to keep the emission-related warranty valid. If operators fail to do this maintenance, this does not allow you to disqualify those engines from in-use testing or deny a warranty claim. Do not take these inspection or maintenance steps during service accumulation on your emission-data engines.

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§ 1048.130 What installation instructions must I give to equipment manufacturers?

(a) If you sell an engine for someone else to install in a piece of nonroad equipment, give the buyer of the engine written instructions for installing it consistent with the requirements of this part. Include all information necessary to ensure that engines installed this way will meet emission standards.

(b) Make sure these instructions have the following information:

(1) Include the heading: "Emission-related installation instructions".

(2) State: "Failing to follow these instructions when installing a certified engine in a piece of nonroad equipment violates federal law (40 CFR 1068.105(b)), subject to fines or other penalties as described in the Clean Air Act."

(3) Describe any other instructions needed to install an exhaust aftertreatment device and to locate exhaust sampling ports consistent with your application for certification.

(4) Describe the steps needed to control evaporative emissions, as described in §§ 1048.105 and 1048.245.

(5) Describe any necessary steps for installing the diagnostic system described in § 1048.110.

(6) Describe any limits on the range of applications needed to ensure that the engine operates consistently with your application for certification. For example, if your engines are certified only for constant-speed operation, tell equipment manufacturers not to install the engines in variable-speed applications. Also, if you need to avoid sustained high-load operation to meet the field-testing emission standards we specify in § 1048.101(c) or to comply with the provisions of § 1048.101(d), describe how the equipment manufacturer must properly size the engines for a given application.

(7) Describe any other instructions to make sure the installed engine will operate according to design specifications in your application for certification.

(8) State: "If you install the engine in a way that makes the engine's emission control information label hard to read during normal engine maintenance, you must place a duplicate label on the vehicle, as described in 40 CFR 1068.105."

(c) You do not need installation instructions for engines you install in your own equipment.

§ 1048.135 How must I label and identify the engines I produce?

(a) Assign each production engine a unique identification number and permanently and legibly affix, engrave, or stamp it on the engine.

(b) At the time of manufacture, add a permanent emission control information label identifying each engine. To meet labeling requirements, do four things:

(1) Attach the label in one piece so it is not removable without being destroyed or defaced.

(2) Design and produce it to be durable and readable for the engine's entire life.

(3) Secure it to a part of the engine needed for normal operation and not normally requiring replacement.

(4) Write it in block letters in English.

(c) On your engine's emission control information label, do 13 things:

(1) Include the heading "EMISSION CONTROL INFORMATION".

(2) Include your full corporate name and trademark.

(3) State: "THIS ENGINE IS CERTIFIED TO OPERATE ON [specify operating fuel or fuels]."

(4) Identify the emission-control system; your identifiers must use names and abbreviations consistent with SAE J1930 (incorporated by reference in § 1048.810).

(5) List all requirements for fuel and lubricants.

(6) State the date of manufacture (DAY (optional), MONTH, and YEAR); if you stamp this information on the engine and print it in the owner's manual, you may omit it from the emission control information label.

(7) State: "THIS ENGINE MEETS U.S. ENVIRONMENTAL PROTECTION AGENCY REGULATIONS FOR (MODEL YEAR) LARGE NONROAD SI ENGINES."

(8) Include EPA's standardized designation for the engine family (and subfamily, where applicable).

(9) State the engine's displacement (in liters) and maximum brake power.

(10) State the engine's useful life (see § 1048.101(g)).

(11) List specifications and adjustments for engine tuneups; show the proper position for the transmission during tuneup and state which accessories should be operating.

(12) Describe other information on proper maintenance and use.

(13) Identify the emission standards to which you have certified the engine.

(d) Some of your engines may need more information on the emission control information label.

(1) If you have an engine family that has been certified only for constant-speed engines, add to the engine label "CONSTANT-SPEED ONLY".

(2) If you have an engine family that has been certified only for variable-speed engines, add to the engine label "VARIABLE-SPEED ONLY".

(3) If you have an engine family that has been certified only for high-load engines, add to the engine label "THIS ENGINE IS NOT INTENDED FOR OP-

ERATION AT LESS THAN 75 PERCENT OF FULL LOAD."

(4) If you certify an engine to the voluntary standards in § 1048.140, add to the engine label "BLUE SKY SERIES".

(5) If you produce an engine we exempt from the requirements of this part, see subpart G of this part and 40 CFR part 1068, subparts C and D, for more label information.

(6) If you certify an engine family under § 1048.101(d) (and show in your application for certification that in-use engines will experience infrequent high-load operation), add to the engine label "THIS ENGINE IS NOT INTENDED FOR OPERATION AT MORE THAN \_ PERCENT OF FULL LOAD.". Specify the appropriate percentage of full load based on the nature of the engine protection. You may add other statements to discourage operation in engine-protection modes.

(e) Some engines may not have enough space for an emission control information label with all the required information. In this case, you may omit the information required in paragraphs (c)(3), (c)(4), (c)(5), and (c)(12) of this section if you print it in the owner's manual instead.

(f) If you are unable to meet these labeling requirements, you may ask us to modify them consistent with the intent of this section.

#### **§ 1048.140 What are the provisions for certifying Blue Sky Series engines?**

This section defines voluntary standards for a recognized level of superior emission control for engines designated as "Blue Sky Series" engines. Blue Sky Series engines must meet one of the following standards:

(a) For the 2003 model year, to receive a certificate of conformity, a "Blue Sky Series" engine family must meet all the requirements in this part that apply to 2004 model year engines. This includes all testing and reporting requirements.

(b) For the 2003 through 2006 model years, to receive a certificate of conformity, a "Blue Sky Series" engine family must meet all the requirements in this part that apply to 2007 model year engines. This includes all testing and reporting requirements.