



United States
 Environmental Protection Agency
 Office of Transportation and Air Quality
Nonroad Engine In-Use Testing Report
(Small Spark Ignition Engines)

Last Revision: August 2010 Version Number: 1.3

Basic Information

Submission Date

Manufacturer:
 In-Use Test Contact:
 Email Address:
 Phone #:

Engine Family:

Engine Family Testing Requirements:

Minimum Tests Required	3
Minimum Valid Tests Required	1

Paperwork Reduction Act Notice
 The public reporting and recordkeeping burden for this collection of information is estimated to average 21 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed Form 5900-93 to this address.

OMB No. 2060-0338
 Approval Expires on
 8/31/2012
 EPA Form 5900-93

FEL/ Emission Limit(s)
 (NM)HC+NOx
 CO

HC+NOx Units
 CO Units

Comments:

Engines Disqualified and Reason:

In-Use Engines Test Results

Engine Model	Application	Engine Serial Number	Engine Manufacture Date	Engine Usage Hours	Test Date	Test Time	Test Invalid?	Interim Calculations		Adjustments, Modifications, and Repairs	If engine in noncompliant or if the test is invalid, explain why.	Additional Comments
								(NM)HC+NOx Result	CO Result			
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												

Current In-Use Test Status

Number of Tests Performed:	<input type="text" value="0"/>	* A minimum of 3 engine tests are required.	Average Result
Number of Valid Tests:	<input type="text" value="0"/>	* A minimum of 1 valid engine test is required.	Pollutant (NM)HC+NOx <input type="text"/> CO <input type="text"/>



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Manufacturer Notes

Please provide any additional notes here.

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Manufacturer Data Submission Template -- INSTRUCTIONS

I. About

This template allows engine manufacturers to submit in-use testing data in a simple, consistent format.

It is intended that a copy of this template be created for each engine family for which you are required to report in-use testing results. Please include the engine family name in the submission file name. 40 CFR Part 90.1205 indicates that this information must be submitted within three months after you have finished testing an engine family. It is intended that one copy of a template be maintained per engine family.

Three versions of this template are available, one each for Marine SI, Large SI, and Small SI engines. The instructions in this document are specific to the Small SI template.

II. General

- The primary worksheet for entering in-use testing data is the worksheet labeled 'Submission Template.' You may only modify values in cells that are white. All other cells contain either labels or calculated values.
- The 'Notes' worksheet provides space for a manufacturer to provide any additional notes or relevant information for the engine family's in-use testing information.

III. Entering In-Use Test Information

At the top of the 'Submission Template' worksheet, there are spaces to enter general information about the production line test you are reporting. Please provide as much information as possible. These fields include:

- Manufacturer contact information;
- Engine family identifier;
- Minimum number of tests required. Please note that this field is fixed at 3 for Small SI. (See 40 CFR Part 90.1203 (c));
- FEL or Emissions Limits for each pollutant being tested;
- Additional comments about the in-use tests for the engine family; and
- A description of the specific reasons any engines that were removed from the aging or testing process.

IV. Entering In-Use Engine Test Results

Each in-use test is comprised of tests of one or more individual engines within the engine family being tested. Please include any invalid or incomplete engine tests. Begin entering your data in the first row (beginning in cell D34) of the 'Submission Template' worksheet. Please enter specific engine tests in the order in which they occurred and do not skip rows as you enter your results.

The following data fields are available for each engine test. The official reporting requirements can be found in 40 CFR Part 90.1205.

Engine Model
Application
Engine Serial Number
Engine Manufacture Date
Engine Usage (hrs)
Test Date
Test Time
Test Invalid?
NOx/NMHC+NOx Result
PM Result
CO Result
Units
Adjustments, Modifications, and Repairs
Invalid Reason
Additional Comments

Immediately following the rows reserved for engine test results is a box labeled 'Current In-Use Test Status'. The cell labeled 'Number of Tests Performed' displays a count of the complete, valid engine tests entered. If you have entered the required number of engine tests, and the average result of all pollutants tested is less than the provided FEL/standard, the tests status should read 'PASS'. Otherwise, the test status should read 'OPEN'.

V. How to Submit this Form

Please submit by email to in_use@epa.gov. If you prefer to send us a CD or diskette with an electronic copy of this form, please send it via courier to:

Manager, Heavy-duty and Nonroad Engines Group
US Environmental Protection Agency
Attn: In-use Data
310 L St, NW
Mail Code 6403J
Washington, DC 20005

You may also send it via regular mail. However, please be advised that regular mail is irradiated. Irradiation may compromise the integrity of your CD or diskette. If using regular mail, please send your submission to:

By Regular Mail:
1200 Pennsylvania Avenue
MC 6403J
Washington, DC 20460

We are working on other methods for you to submit this form. Please contact your certification representative for the latest information.

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