

United S Environmental Pr Office of Air and Radiation, Office

# Highway Motorcycle HC+NOx Average

Version Number: 1.0 Last L

## **Pre-Model Year Average Exhaust Emissions Report**

Manufacturer's Name:	
EPA ID:	
Submitter's Name	
Phone #:	
Email:	
-	

Model Year:		Class:
	•	

	Unrounded Value	Rounded Value
Pre-Model Year Average Emission Level		

Engine Family Name	FEL (Preliminary) (g/km)	Projected Production Volume	Pre-MY (FEL) <sub>i</sub> x (UL) <sub>i</sub> x (Production) <sub>i</sub>

	Total:	0.0

#### Paperwork Reduction Act Notice

The public reporting and recordkeeping burden for this collection of information is estimated to average 6 hours per response. Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protectic Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the c

## States otection Agency of Transportation and Air Quality

# Exhaust Emissions Model Year Report

Jpdated: September 2014

Averaging Provisions (40 CFR 86, Subpart E, § 86.449)

$$\textit{Emission level} = \left[\sum_{i} (\texttt{FEL})_{i} \times (\textit{UL})_{i} \times (\texttt{Pr}\textit{oduction})_{i}\right] / \left[\sum_{i} (\texttt{Pr}\textit{oduction})_{i} \times (\textit{UL})_{i}\right]$$

Standards (40 CFR 86, Subpart E, § 86.410 Table E2006-2 and § 86.449 Part 3a) Emission Level must be AT or BELOW the applicable standard; FEL must be AT or BELOW the FEL CAP.			
Class	Model Year	HC+NOX	Emission Standard (g/km) HC+NOx
IA, IB, II	2006 and later	5.0	1.4
III	2010 and later	2.5	0.8

Pre-MY (Production) <sub>i</sub> x (UL) <sub>i</sub>	Pre-MY Notes

0.0	

Send comments on the respondent burden, including on Agency (2822T), 1200 completed form to this address.

OMB No. 2060-0104 Approval Expires on 9/30/2016 EPA Form 5900-339



Unite Environmental I Office of Air and Radiation, Offic

# Highway Motorcycle HC+NOx Average

Version Number: 1.0 La

## **Final Model Year Average Exhaust Emissions Report**

Model Year:

Class:	

	Unrounded Value	Rounded Value
Final Model Year Average Emission Level		

List an engine raminy repeatedly in the rorm, if the FEL was revised during the model year. Each FEL (and the associated Ref: 40 CFR 86.449(I)(3)

(

Engine Family Name	Did FEL Change During MY?	FEL (Certified) (g/km)	Final MY U.S. Production Volume

	Total	0
	Total.	0

#### Paperwork Reduction Act Notice

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## d States Protection Agency e of Transportation and Air Quality

# e Exhaust Emissions Model Year Report

st Updated: September 2014

Averaging Provisions (40 CFR 86, Subpart E, § 86.449)

$$Emission \, 1evel = \left[\sum_{i} (FEL)_{i} \times (UL)_{i} \times (Pr \, oduction)_{i}\right] / \left[\sum_{i} (Pr \, oduction)_{i} \times (UL)_{i}\right]$$

Standards (40 CFR 86, Subpart E, § 86.410 Table E2006-2 and § 86.449 Part 3a) Emission Level must be AT or BELOW the applicable standard; FEL must be AT or BELOW the FEL CAP.

Class	Model Year	HC+NOx	Emission Standard (g/km) HC+NOx
IA, IB, II	2006 and later	5.0	1.4
111	2010 and later	2.5	0.8

production volume) must be displayed as a unique line item.

Final MY (FEL) <sub>i</sub> x (UL) <sub>i</sub> x (Production) <sub>i</sub>	Final MY (Production) <sub>i</sub> x (UL) <sub>i</sub>	Final MY Notes

0.0	0.0	
		OMB No. 2060-0104
nse. Send comments on the		Approval Expires on
izing respondent burden,		9/30/2016
ental Protection Agency		3/30/2010
c. Do not send the completed		EPA Form 5900-339



# United States Environmental Protectio Office of Air and Radiation, Office of Tran

# Highway Motorcycle HC+NOx Average Exhau

Version Number: 1.0 Last Updated: S

### Instructions

#### I. About

In order to help streamline and standardize the process by which manufacturers submit in based reporting templates. Manufacturers subject to the Highway motorcycle vehicle or report their preliminary and final results in accordance with \$86.449(c)(2) and (c)(3), resp with \$86.449(d)(1)). The template is structured such that data for only one Class may be please submit separate files (one for each unique Class and MY).

### II. General Information

Before entering data, it is important to ensure that the Excel file is set up to automatically immediately upon entry, go to the Formulas tab and click on Calculations Options. In this the drag and drop option should not be used to copy or move data entered in the worksh formulas and may lead to erroneous calculations. These worksheets are protected and a: non-shaded cells). Fields that are automatically calculated (and therefore, are also lockec for entering engine family data: Pre-MY Report and Final MY Report.

#### III. Entering Data

The following fields are in the Pre-MY Report and Final MY Report worksheets:

• Manufacturer's Name - In the Pre-MY Report worksheet, provide the full name of the r cell within the Final MY Report worksheet.

• EPA ID - In the Pre-MY Report worksheet, provide the three-character code assigned by corresponding cell within the Final MY Report worksheet.

• Submitter's Name - In the Pre-MY Report worksheet, provide the name of the person s corresponding cell within the Final MY Report worksheet.

• Phone Number - In the Pre-MY Report worksheet, provide the phone number of the pe corresponding cell within the Final MY Report worksheet.

• Email Address - In the Pre-MY Report worksheet, provide the email address of the pers corresponding cell within the Final MY Report worksheet.

• Model Year - In the Pre-MY Report worksheet, enter the relevant model year for the at The entry will be populated in the corresponding cell within the Final MY Report workshe

• Class - In the Pre-MY Report worksheet, select the vehicle's class from the drop-down r populated in the Final MY Report worksheet.

• Engine Family Name - In the Pre-MY or Final MY Report worksheets, provide the twelve

- FEL (Preliminary) (g/km) In the Pre-MY worksheet, enter the Family Emission Limit that
- Projected MY U.S. Production Volume In the Pre-MY Report worksheet, provide the p

• Final MY U.S. Production Volume - In the Final MY Report worksheet, provide the proje

• Did Initial MY FEL Values Change? - In the Final MY Report worksheet, select Yes or No the initial MY FEL value. Note that if the FEL changed during the MY, separately line item before and after the change (and the associated production for each).

• FEL (Certified) (g/km) - In the Final MY Report worksheet, provide the actual family em above, if the FEL changed during the MY for a particularly engine family, separate line iter FEL and the associated production.

- U.S. Production Volume In the Final MY Report worksheet, provide the actual MY pro
- Notes Use this space to provide any additional notes.

#### **Paperwork Reduction Act Notice**

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# n Agency sportation and Air Quality

## st Emissions Model Year Report

September 2014

nformation related to averaging provisions, EPA has created Excelengine standards under 40 CFR Part 86 may use this template to ectively (the Average Emission Level is calculated in accordance entered. If you are submitting data for more than one Class,

 / calculate the data. To ensure that the data are calculated
window, the option "Automatic" should be selected. Note that leet since doing so will change how the cells are referenced in the s a result you may only enter data in the unlocked cells (i.e., the 1), are shaded. This Excel file contains two worksheets that allow nanufacturer. The entry will be populated in the corresponding

y the EPA to the manufacturer. The entry will be populated in the

ubmitting the report. The entry will be populated in the

erson submitting the report. The entry will be populated in the

on submitting the report. The entry will be populated in the

/eraging provisions report within the Pre-MY Report worksheet. et.

menu (IA, IB, II or III). The selected value will be automatically

e-character name of the Engine Family being certified. at was proposed for the Engine Family. projected or final number of vehicles in the engine family. ected or final number of vehicles in the engine family. from the drop-down menu whether the final MY FEL differs from s should be entered for the engine family to reflect the FEL both

ission limit to which the engine family is certified. As stated ns should be entered for that engine family showing the relevant

duction volume of vehicles in the engine family.

er response. Send gested methods for ction Strategies Division, the OMB control number in OMB No. 2060-0104 Approval Expires on 9/30/2016 EPA Form 5900-339

Manufacturer's Name	EPA ID	Submitter's Name	Phone Number XXX-XXXX
0	0	0	0

Engine Family	Preliminary FEL	Projected Production	Pre-MY
Name	(g/km)	Volume	Notes
0	0	0	0
0	0	0	0
0	0	0	0
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Email Address	Model Year	Class	Pre-Model Year Average Emission Level	Average Emission
0	0	0		0

Did Preliminary EL	FEL	Actual Productio	Final MY Notes
Values Change?		Volume	Notes
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0	0	0	0
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