

## **Form Instructions**

### Excel Macros

This form uses Excel macros. Please **make sure that macros are enabled** on your computer **before** trying to fill out the form. Different versions of Excel require different steps to enable macros. Please search the Excel help function for "Enable Macros" to get instructions on how to enable the interactive elements of this form.

### Filling in the Form

Any field that needs to be filled out will be colored light yellow. Some fields that are not colored will automatically populate based on other fields that you fill out. Based on your selection for certain fields, other fields may appear that will also need to be filled out. Please note that some fields have help text which will appear when you click in the field entry box.

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OMB No. 2060-0338  
Approval Expires on  
1/31/2022  
EPA Form 5900-463

# Snowmobile

## Engine Family Information

Manufacturer Name:

Model Year:

Engine Family:

Permeation Family Name(s)

Engine Displacement (cc)

Carryover:

(Select...)

Small Volume Manufacturer:

(Select...)

Engine/Combustion Cycle:

(Select...)

Fuel System:

- Carburetor     Direct Injection (DI)     Indirect Injection (IDI)  
 Throttle Body Injection (TBI)     Sequential Fuel Injection (SFI)    [

Method of Aspiration:

(Select...)

Emission Control System:

- Engine Modification     EGR     Open Loop Fuel Control     Close Loop Fuel Control (PAIR)  
 Three-way Catalyst (TWC)     Oxidation Catalyst (OC)     (PAIR)

Fuel Control:

- Electronic Controls     Capacitive Discharge Speed Control

Fuel Type(s):

(Select...)

Estimated Production Period:

Start Date (MM/DD/YYYY):

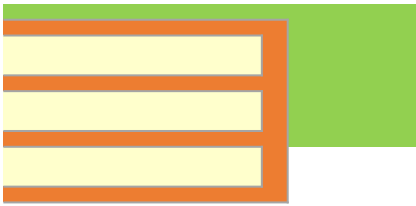
1/12/2014

End Date (MM/DD/YYYY):

7/12/2014

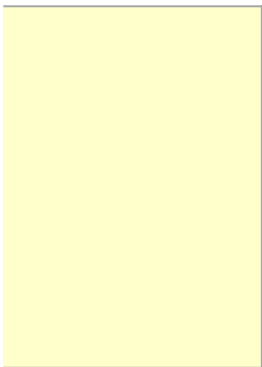
Projected U.S. Annual Sales:

Engine Family Comments (optional):



Multiport Fuel Injection (MFI)

osed Loop Fuel Control  
Secondary Air Injection



# Snowmobile

## Test Information

Manufacturer Name: 0  
Model Year: 0  
Engine Family: 0

Test Engine Manufacturer Model Name:

Test Engine Identification Number:

Engine Code:

Service Accumulation Duration (hrs):

Max Test Torque per §1065.610 (Nm):

Maximum Test Speed per §1065.610 (RPM):

Test Engine Displacement (cc):

Certification Test Fuel:

Certification Test Cycle:

Emission Sampling Method:

**Averaging, Banking, and Trading:**

Participating in ABT?:

Pre-model year ABT plan submitted?

Useful Life Period:

Exhaust Emission Deterioration Factor Type:

### Exhaust Emission DFs, FELs and Standards

Exhaust Emission Name	DF Value	FEL	Corporate Average Standard
CO			
HC			

### Official Test Results (Before Applying DF)

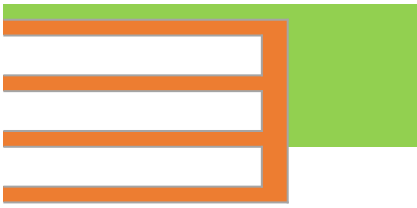
Test #	Test Lab	Date	Test Start Hours	CO	HC	NO <sub>x</sub>	CO <sub>2</sub>
Test 1							
Test 2							

### Permeation Family

Permeation Family	Total HC FEL	Total HC Standard

Official Permeation Test Results

Test #	Test Lab	Date	Test Start Hours	Total HC
Test 1				
Test 2				



	CH <sub>4</sub>	N <sub>2</sub> O





# Snowmobile

## Technical Description

Manufacturer Name:	<input type="text" value="0"/>
Model Year:	<input type="text" value="0"/>
Engine Family:	<input type="text" value="0"/>

Are there AECDs for this Family?

Include your AECD description here or optionally in your application document

Adjustable Parameters											
AECD Group	AECD	Sensed Parameters	Adj. Range and Units of Sensed Parameter			Tamper Resistance Method	Justification	Triggered Range and Units			
			Upper	Lower	Units			Upper	Lower	Units	
(Select...)	(Select...)	(Select...)					(Select...)				

Technical Description Comments (optional):



# Snowmobile

## Model/Part Information

Manufacturer Name:  
 Model Year:  
 Engine Family:

### Model Information

Manufacturer Model Name:				
Commercial Model Name:				
Final Assembly Manufacturer Name:				
Engine Configuration Code:				
Engine Displacement (cc):				
Bore (mm):				
Stroke (mm):				
Basic Ignition Timing (deg. BTDC):				
Transmission:	(Select...)	(Select...)	(Select...)	(Select...)
Label Type:	(Select...)	(Select...)	(Select...)	(Select...)
Number of Evaporative Canisters:	(Select...)	(Select...)	(Select...)	(Select...)
Projected Sales (CBI) - CA Only:				
Projected Sales (CBI) - 49 State:				
Projected Sales (CBI) - 50 State:				
Total Projected Sales (CBI)	0	0	0	0
Model Previously Competition Exempted:	(Select...)	(Select...)	(Select...)	(Select...)
Rated Power, per §1065.510 (kW):				
Rated Speed, per §1065.610 (RPM):				
Rated Torque, per §1065.610 (Nm):				
Manufacturer Comments:				

### Fuel System Part Numbers

Fuel Injector:				
Pump:				
Throttle Body:				

### General Component Part Numbers

ECM:				
Turbocharger:				
Catalyst:				
PCV:				
Fuel Line Part #:				

### Sensor Part Numbers

Oxygen Sensor:				
Temperature Sensor:				



e:

ect...)	(Select...)	
ect...)	(Select...)	
ect...)	(Select...)	(Select...)
		(Select...)
		(Select...)
	0	
ect...)	(Select...)	
		(Select...)

"Transmission"






from A1-A5 and M1-M5

add more rows