











1037.150(b) Table 1

Spark Ign	2013	0.0482	371	Compression	2013	0.0478	368
	2014	0.0482	371		2014	0.0478	368
	2015	0.0479	369		2015	0.0474	366
	2016	0.0469	362		2016	0.046	354
	2017	0.046	354		2017	0.0445	343
	2018	0.044	339		2018	0.0416	320
2019 and later		0.044	339	2019 and later		0.0416	320

1037.150(b) Table 2

Spark Ign	2013	0.04820	371	Compression	2013	0.0478	368
	2014	0.04820	371		2014	0.0478	368
	2015	0.0479	369		2015	0.0474	366
	2016	0.0456	352		2016	0.044	339
	2017	0.0456	352		2017	0.044	339
2018		0.0456	352	2018		0.044	339
2019 and later		0.0456	352	2019 and later		0.044	339

Annual Data - Spark Ignition

Table 1	2014	0.0482	371
Table 2	2014	0.0482	371

Active Data - Spark Ignition

Table 1	2014	0.0482	371
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Annual Data - Compression Ignition

Table 1	2014	0.0478	368
Table 2	2014	0.0478	368

Active Data - Compression Ignition

Table 1	2014	0.0478	368
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535.5(a)(2) Alternative 1

Spark Ign	2013	0.000542	4.17	Compression	2013	0.000470	3.61
	2014	0.000542	4.17		2014	0.000470	3.61
	2015	0.000539	4.15		2015	0.000466	3.6
	2016	0.000513	3.96		2016	0.000432	3.33
	2017	0.000513	3.96		2017	0.000432	3.33
	2018	0.000513	3.96		2018	0.000432	3.33
2019 and later		0.000495	3.81	2019 and later		0.000409	3.14

535.5(a)(2) Alternative 2

Spark Ign	2013	0.000542	4.17	Compression	2013	0.000470	3.61
	2014	0.000542	4.17		2014	0.000470	3.61
	2015	0.000539	4.15		2015	0.000466	3.6
	2016	0.000528	4.07		2016	0.000452	3.48
	2017	0.000518	3.98		2017	0.000437	3.37
	2018	0.000495	3.81		2018	0.000409	3.14
2019 and later		0.000495	3.81	2019 and later		0.000409	3.14

Annual Data - Spark Ignition

Alternativ	2014	0.000542	4.17
Alternativ	2014	0.000542	4.17

Annual Data - Compression Ignition

Alternative 1	2014	0.00047	3.61
Alternative 2	2014	0.00047	3.61

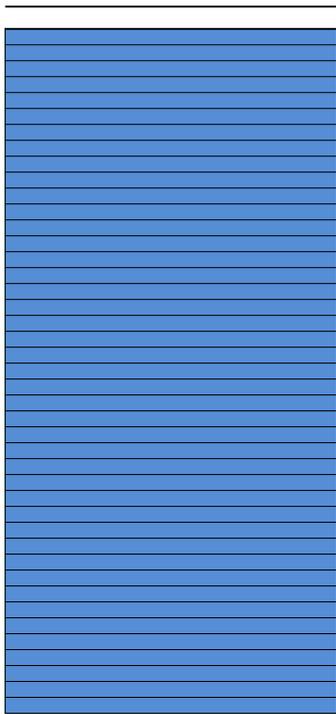
Active Data - Spark Ignition

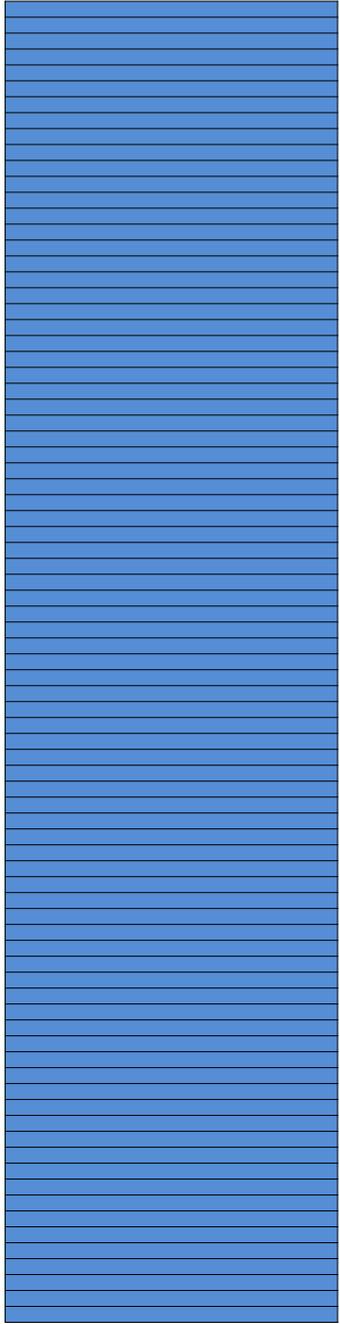
Alternativ	2014	0.000542	4.17
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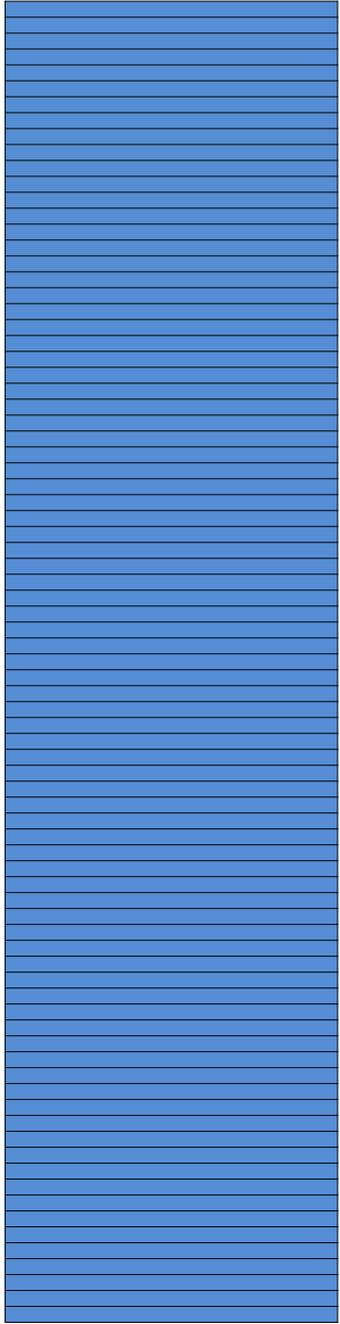
Active Data - Compression Ignition

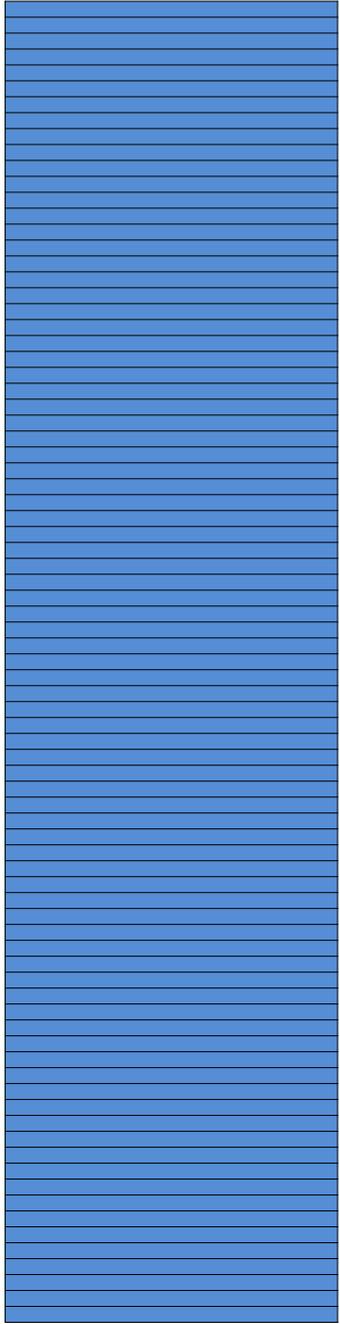
Alternative 2	2014	0.00047	3.61
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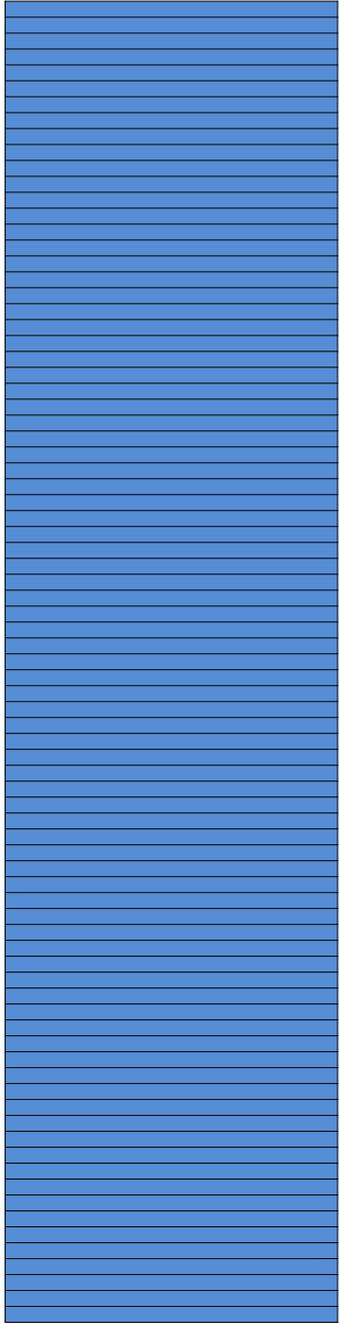
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Comments

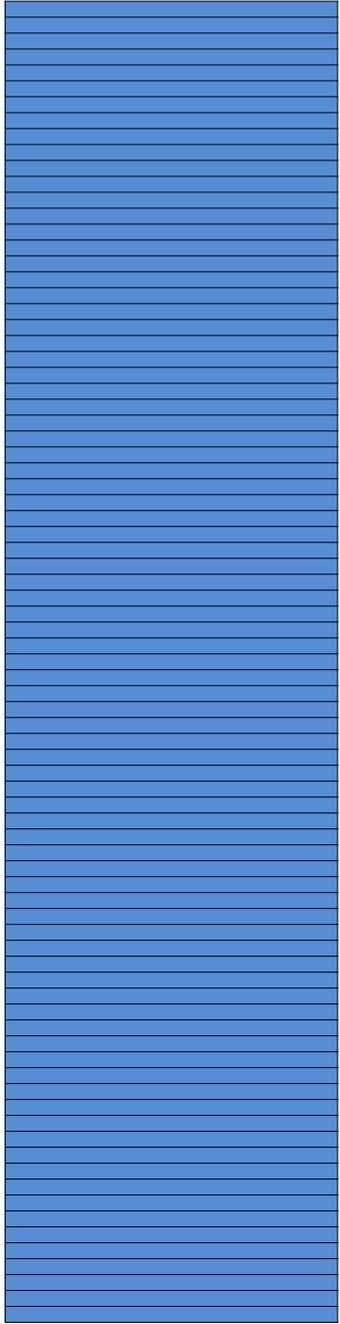


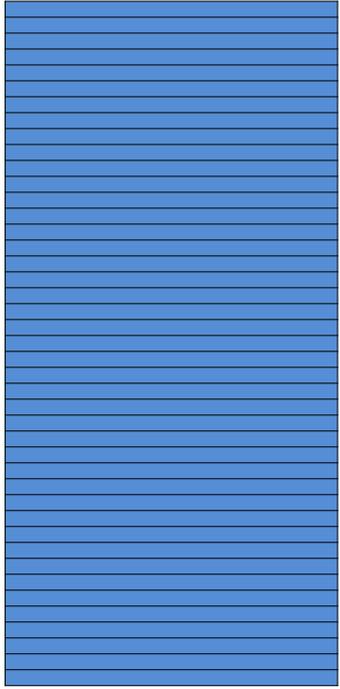












EPA Form Number

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End of Model Year Report Proje

Manufacturer: _____

November 16, 2011

S. FC Target Standard	Production Volumes			W. CO2 emissions
	T. Projected production volume under 1037.104(a)	U. Projected production volume under 1037.150(l)	V. Projected Loose Engine production volume under 1037.150(m)	
gal/100 miles				gpm
	32,000	1,000	500	

Manufacturer Entered Data (i				
6.61	20,000	1,000	500	540
5.73	12,000	0	0	545

ected CO2 and FC Compliance Le

AA. Projected total production volume	BB. Projected fleet average CO2 (gpm)	CC. Projected fleet target CO2 (gpm)	DD. Projected fleet ave CO2 credit/debit (megagrams)
33,500	543	586	263,358

GHG Compliance Level (see instructions)				
X. CO2 Value based on ADC?	Y. If ADC derived, Subconfig. that is source of CO2base	Z. Projected Vol x CO2	AA. Projected Vol x Target CO2 Standard	AB. N2O FEL
				gpm
			Totals of Manufacturer Entered Produ	
		18,173,950	19,637,050	

in the blue and yellow fields only):

No		11,633,950	12,639,850	0.04
No		6,540,000	6,997,200	0.04

Level

EE. Projected fleet average FC (gal/100 mile)	FF. Projected fleet target FC (gal/100 mile)	GG. Projected fleet ave FC credit/debit (gallons)
5.83	6.29	28,242,000

	FC Compliance Level		
AC. CH4 FEL	AD. Fuel Consumption	AE. Projected Vol x FC	AF. Projected Vol x Target FC Standard
gpm	gal/100-mile		

Production Volume, Calculated Megagram Data, Etc:

	195,185	210,875
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0.04	6.08	130,985	142,115
0.05	5.35	64,200	68,760

1037.150(b) Table 1

Spark Ign	2013	0.0482	371	Compression
	2014	0.0482	371	
	2015	0.0479	369	
	2016	0.0469	362	
	2017	0.046	354	
	2018	0.044	339	
	2019 and later	0.044	339	

1037.150(b) Table 2

Spark Ign	2013	0.04820	371	Compression
	2014	0.04820	371	
	2015	0.0479	369	
	2016	0.0456	352	
	2017	0.0456	352	
	2018	0.0456	352	
	2019 and later	0.0456	352	

Annual Data - Spark Ignition

Table 1	2014	0.0482	371	Table 1
Table 2	2014	0.0482	371	Table 2

Active Data - Spark Ignition

Table 1	2014	0.0482	371	Table 1
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535.5(a)(2) Alternative 1

Spark Ign	2013	0.000542	4.17	Compression
	2014	0.000542	4.17	

	2015	0.000539	4.15	
	2016	0.000513	3.96	
	2017	0.000513	3.96	
	2018	0.000513	3.96	
	2019 and later	0.000495	3.81	
	535.5(a)(2) Alternative 2			
Spark Ign	2013	0.000542	4.17	Compression
	2014	0.000542	4.17	
	2015	0.000539	4.15	
	2016	0.000528	4.07	
	2017	0.000518	3.98	
	2018	0.000495	3.81	
	2019 and later	0.000495	3.81	
	Annual Data - Spark Ignition			
Alternativ	2014	0.000542	4.17	Alternative 1
Alternativ	2014	0.000542	4.17	Alternative 2
	Active Data - Spark Ignition			
Alternativ	2014	0.000542	4.17	Alternative 2

2013	0.0478	368
2014	0.0478	368
2015	0.0474	366
2016	0.046	354
2017	0.0445	343
2018	0.0416	320

2019 and later 0.0416 320

2013	0.0478	368
2014	0.0478	368
2015	0.0474	366
2016	0.044	339
2017	0.044	339

2018 0.044 339

2019 and later 0.044 339

Annual Data - Compression Ignition

2014	0.0478	368
2014	0.0478	368

Active Data - Compression Ignition

2014	0.0478	368
------	--------	-----

2013	0.000470	3.61
2014	0.000470	3.61

2015	0.000466	3.6
2016	0.000432	3.33
2017	0.000432	3.33
2018	0.000432	3.33
2019 and later	0.000409	3.14

2013	0.000470	3.61
2014	0.000470	3.61
2015	0.000466	3.6
2016	0.000452	3.48
2017	0.000437	3.37
2018	0.000409	3.14
2019 and later	0.000409	3.14

Annual Data - Compression Ignition

2014	0.00047	3.61
2014	0.00047	3.61

Active Data - Compression Ignition

2014	0.00047	3.61
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Example End of Model Year Credit Summary Report

CO2 Credit Summary

Fleet	Model Year	Target CO2 Standard (g/mile)	Manufacturer CO2 (g/mile)	U.S. Production Volume	CO2 Credit (Deficit) (Mg)
Conventional	2014	587	587	108,500	-1,302
Advanced Technology	2014	586	543	33,500	263,358

Fuel Consumption Credit Summary

Fleet	Model Year	Target FC Standard (gal/100 mile)	Manufacturer FC (gal/100 mile)	U.S. Production Volume	FC Credit (Deficit) (gal)
Conventional	2014	6.39	6.40	108,500	-978,000
Advanced Technology	2014	6.29	5.83	33,500	28,242,000

OMB Control Numk
Expires xx-xx-20xx

CO2 Credits Required for N2O Compliance (Mg)	CO2 Credits Required for CH4 Compliance (Mg)	CO2 Innovative Technology Credits (Mg)	Total CO2 Credits (Mg)	Date Credits Were Earned
-7,152	-600	0	-9,054	12/31/2014
0	0	0	263,358	12/31/2014

FC Innovative Technology Credits (gal)	Total FC Credits (gal)	Date Credits Were Earned	Comments
0	-978,000	12/31/2014	
0	28,242,000	12/31/2014	

er 2060-NEW

Comments

Payload U-L

vocational

2.85 110000

7.5 435000

university

12.5 185000

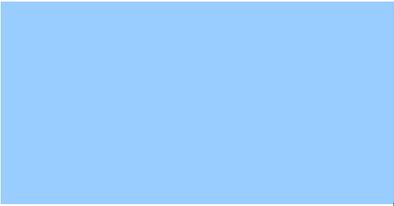
19 435000

¹CO2 benefit based on in-use combined (c
³Replicate sets of tests performed (minimu

EPA Form Number XXX-XXX

city/hwy) CO2 value tested with and without the device (adjusted for full useful-life
m of 3 test sets with the device and 3 test sets without the device).

e compliance).



OMB Control Number xxxx-xxxx
Expires xx-xx-20xx

M. Comments
Carryover from 2013
Carryover from 2013