

January 7, 2013

New Jersey Department of Environmental Protection

Division of Environmental Regulation

Air Quality Management

Notice of Motor Vehicles that Qualify as Zero Emission Vehicles (ZEVs) for the 2006 -

2009 Model Years

<u>Manufacturer</u>	<u>2009 Model</u>	<u>Engine Displ (Liters)</u>	<u>Fuel</u>	<u>Engine Family</u>	<u>Credit</u>
Honda	Clarity FCX	NA	FCH2	9HNXV00.0AET	Type III
Toyota	Toyota FCHV-adv	NA	FCHV, Fuel Cell consuming on-board hydrogen	9TYXT00.0DA7	Type V
Tesla Motors Inc.	Tesla: Type 001	NA	Li+-lithium ion battery	9TSLV00.0M6X	Type III Electric
Tesla Motors Inc.	Tesla: Type 001	NA	Li+-lithium ion battery	9TSLV00.056C	Type III Electric
Tesla Motors Inc.	Tesla Type 001	NA	lithium ion battery	9TSLV00.056C	Type II Electric
ACG, INC.	California Roadster	NA	Lead-acid battery	9ACGV00.0NEV	NEV
Club Car Inc.	Carryall 2 LSV (EB09)	NA	Electric	9IRC00000001	NEV
Club Car Inc.	Carryall 6 LSV (EB09)	NA	Electric	9IRC00000001	NEV

Global Electric Motorcars, LLC (GEM)	e2, e4, e6, eS, eL, eL -XD, e6	NA	Electric	9GEMV0000001	NEV
Tianjin Qingyuan Electric Vehiles Co., Ltd	MILES ZX40S AD, ZX40ST	NA	Electric	9TQEB00.0 NEV	NEV
ZENN Motor Company	2009 ZENN	NA	lead-acid battery	9ZNMV0000002	NEV

<u>Manufacturer</u>	<u>2008 Model</u>	<u>Engine</u> <u>Displacement</u> <u>(Liters)</u>	<u>Fuel</u>	<u>Engine</u> <u>Family</u>	<u>Credit</u>
General Motors	Chevrolet Equinox FCH2	NA	FCH2	8GMXT00.0001	Type III
Honda	FCX Clarity	NA	FCH2	8HNXV00.06XC	Type III
Bayerische Metoren Werke AG (BMW)	MINI: MINI-E	NA	lithium ion battery	8BMXV00.0BEV	Type II Electric
Tesla Motors Inc.	Tesla Type 001	NA	Li+-lithium ion battery	8TSLV00.056C	Type II Electric
Tesla Motors Inc.	Tesla Type 001	NA	LiP-Lithium polymer battery	8TSLV00.056C	Type II Electric
Global Electric Motorcars, LLC (GEM)	E2, e4, e6, eS, eL, e8	NA	Lead-acid battery	8GEMV0000001	NEV
Tianjin Qingyuan Electric Vehiles Co., Ltd	Miles: ZX40S AD, ZX40ST	NA	Lead-acid battery	8TQEB00.0 NEV	NEV

ZENN Motor Company	2008 ZENN	n/a	lead-acid battery	8ZNMV000 0002	NEV
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<u>Manufacturer</u>	<u>2007 Model</u>	<u>Engine Displacement (Liters)</u>	<u>Fuel</u>	<u>Engine Family</u>	<u>Credit</u>
General Motors	Chevrolet Equinox FCH2	NA	FCH2	7GMXT00.0001	Type III ZEV
Honda	FCX Clarity	NA	FCH2	7HNXV00.06XC	Type III
Nissan	FCH2	NA	X-Trail FCV	7NSXV00.09LA	Type III
Toyota	FCHV	NA	FCH2	7TYXT00.0DA1	Type III
Global Electric Motorcars, LLC (GEM)	e2, e4, e6, eS,,eL, e8	NA	Electric	7GEMV000 0001	ZEV (NEV)
Tianjin Qingyuan Electric Vehicles Co. Ltd	Miles ZX 40, ZX 40S, ZX40SAD	n/a	lead-acid battery	7TQEV00.0 NEV	ZEV (NEV)
ZENN Motor Company	ZENN 2.22: (Basic), ZENN 2.22LX (Luxe)	n/a	lead-acid battery	7ZNMV000 0001	ZEV (NEV)

<u>Manufacturer</u>	<u>2006 Model</u>	<u>Engine Displacement</u>	<u>Fuel⁺</u>	<u>Engine Family</u>	<u>Credit</u>
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		<u>(Liters)</u>			
Global Electric Motorcars, LLC (GEM)	e2, e4, e6, eS,,eL,	NA	Electric	6GEMV000 0001	FULL ZEV- TYPE II- BATTERY ELECTRIC EV-NEV*
Honda	FCX	NA	H2	6HNXV00. 0PXC	ZEV
Toyota	FCHV	NA	FCH2	6TYXT00.0 DA1	ZEV
Tianjin Qingyuan	Miles ZX40	NA	lead-acid battery	6TQEV00.0 NEV	ZEV (NEV)

“FCH2”= fuel cell consuming on-board stored hydrogen

LiP= Lithium polymer battery

Li+ =Lithium ion battery

Type V ZEV has a range of equal to or greater than 300 miles, must be capable of replacing 95% maximum rated energy capacity in <= 15 minutes.

Type IV ZEV has a range of equal to or greater than 200 miles, must be capable of replacing 95% maximum rated energy capacity in <= 15 minutes.

Type III ZEV has a range of equal to or greater than 100 miles, must be capable of replacing 95% maximum rated energy capacity in \leq 10 minutes, or range of equal to or greater than 200 miles with no fast refueling requirements.

Type II ZEV has a range of equal to or greater than 100 miles.

Type I.5 ZEV has a range of equal to or greater than 75 miles.

Type I ZEV has a range of equal to or greater than 50 miles.

Type 0 ZEV has a range of less than 50 miles.

NEV = Neighborhood Electric Vehicle

NEV+= Neighborhood Electric Vehicle meeting CCR 1962.1(d)(5)(F) specifications and requirements.

Exclusions:

Navistar Type 0 MODEC ZEV, Navistar Type 0 E-Star and Navistar Type 1.5 E-Star are not included in the list as they are Medium Duty Vehicle (MDV). NJ Low Emission Vehicle Program only applies to Passenger Cars and Light Duty Vehicle under 8,500 lbs GVW.