

September, 08, 2016

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 2016

Model Year

<b>Manufacturer</b>	<b>2016 Model</b>	<b>Engine Displ (Liters)</b>	<b>Fuel</b>	<b>Engine Family</b>	<b>Credit</b>
Hyundai	Tuscon Fuel Cell	NA	Fuel Cell consuming on-board stored hydrogen	GHYXV00.01YW	Type V
Toyota	Mirai	NA	Fuel Cell consuming on-board stored hydrogen	GTYXV00.0DA7	Type V
BYD Auto Industry Limited	Byd E6	NA	Lithium ion battery	GBAIV0000001	Type III
Tesla	Model S, 60 kWh Variant	NA	Lithium ion battery	GTSLV000.0L1S	Type III
Tesla	Model S, 70 kWh Variant	NA	Lithium ion battery	GTSLV000.0L1S	Type III
Tesla	Model S, 70.5kWh Variant	NA	Lithium ion battery	GTSLV000.0L1S	Type III
Tesla	Model S(85 kWh Variant)	NA	Lithium ion battery	GTSLV000.0L1S	Type III

Tesla	Model S(90 kWh Variant)	NA	Lithium ion battery	GTSLV000.0L1S	Type III
Tesla	Model S AWD-60D	NA	Lithium ion battery	GTSLV000.0L2S	Type III
Tesla	Model S AWD-70D	NA	Lithium ion battery	GTSLV000.0L2S	Type III
Tesla	Model S AWD-75D	NA	Lithium ion battery	GTSLV000.0L2S	Type III
Tesla	Model S AWD-85D	NA	Lithium ion battery	GTSLV000.0L2S	Type III
Tesla	Model S AWD-P85D	NA	Lithium ion battery	GTSLV000.0L2S	Type III
Tesla	Model S AWD 90D	NA	Lithium ion battery	GTSLV000.0L2S	Type III
Tesla	Model S AWD P90D	NA	Lithium ion battery	GTSLV000.0L2S	Type III
Tesla	Model X- 60D	NA	Lithium ion battery	GTSLV00.0L2X	Type III
Tesla	Model X- 75D	NA	Lithium ion battery	GTSLV00.0L2X	Type III
Tesla	Model X- 90D	NA	Lithium ion battery	GTSLV00.0L2X	Type III
Tesla	Model X- P90D	NA	Lithium ion battery	GTSLV00.0L2X	Type III
Bluecar, SAS	Bluecar	NA	Lithium ion battery	GBRGV00.0L8X	Type II
BMW	I3	NA	Lithium ion battery	GBMXV00.013B	Type II
BMW	I3 REX	0.6	Plug-In Hybrid Electric Vehicle	GBMXV00.613R	BEVx

			(non-blended)		
FCA US LLC.	Fiat 500E	NA	Lithium ion battery	GCRX00.05 PR	Type II
Ford	Focus FWD BEV	NA	Lithium ion battery	GFMX00.0 VAE	Type II
General Motors LLC.	Chevrolet Spark EV	NA	Lithium ion battery	GGMXV00.0001	Type II
Kia	Soul EV	NA	Lithium ion battery	GKMXV00.04VW	Type II
Nissan	Leaf (24kw-hr)	NA	Lithium ion battery	GNSXV000 OLLA	Type II
Nissan	Leaf (30kw-hr)	NA	Lithium ion battery	GNSXV000 OLLA	Type II
Nissan	Leaf (24kw-hr)	NA	Lithium ion battery	GNSXV000 OLLB	Type II
Nissan	Leaf (30kw-hr)	NA	Lithium ion battery	GNSXV000 OLLB	Type II
Mercedes-Benz	B250E	NA	Lithium ion battery	GMBXV00.0ED2	Type II
Mercedes-Benz	Smart: Fortwo Electric Drive (Convertible)	NA	Lithium ion battery	GMBXV00.0ED2	Type II
Mercedes-Benz	Smart: Fortwo Electric Drive (Coupe)	NA	Lithium ion battery	GMBXV00.0ED1	Type II
Volkswagen	e-Golf	NA	Lithium ion battery	GVGAV00.0VZZ	Type II
Mitsubishi	i-Miev	NA	Lithium ion battery	GMTXV00.0EAT	Type 1.5
ACG, Inc.	T Sport	NA	Lead-acid battery	GACG000.0 NEV	NEV

ACG, Inc.	39 Roadster, Cadillac Escalade, California Roadster, Hummer 3	NA	Lead- acid battery	GACG000.0 NE2	NEV
Club Car, Inc.	Carryall 510 LSV; Carryall 710 LSV	NA	Lead- acid battery	GIRC00000 001	NEV
Club Car, Inc.	Villager 2 LSV; Villager 2+2 LSV	NA	Lead- acid battery	GIRC00000 002	NEV
Columbia Parcar	Columbia Par Car: MEGA	NA	Lead- acid battery	GCPC000.0 AFD	NEV
Columbia Parcar	Columbia Par Car: MG1	NA	Lithium ion battery	GCPC000.0 AFD	NEV
Columbia Parcar	Columbia Par Car: SM2, SMT2, SM4, SMT4, SUV- SN, SUV-LN, NEV2	NA	Lead- acid battery	GCPC000.0 AFD	NEV
Columbia Parcar	Columbia Par Car: SM2, SMT2, SM4, SMT4, SUV- SN, SUV-LN, NEV2	NA	Lithium ion battery	GCPC000.0 AFD	NEV
Columbia Parcar	MV1-LN, MV1-SN	NA	Lead- acid battery	GCP000.0S RA	NEV
Columbia Parcar	SU5-LN	NA	Lead- acid battery	GCP000.0S RA	NEV
Ecocruise Electric Transportation	Cruser Sport	NA	Lead- acid battery	GEET000.0 072	NEV

E-Z-Go Division of Textron, Inc.	Cushman LSV 800, E-Z-GO 2Five- LSV 2 Passenger NEV, 2FIVE- LSV 4 Passenger NEV	NA	Lead- acid battery	GEZG00.00 A02	NEV
HDK Plastic Factory (USA) DBA HDK Electric Vehicle	EV 3022GA	NA	Lead- acid battery	GHPF00000 048	NEV
Polaris Industries Inc.	GEM:0 e2, e2c, e4, e4c, e4sc, e6, e6c, e6sc, el-xd, eldc, elc, elsc, eM1400	NA	Lead- acid battery	GPOL0000 0002	NEV
Polaris Industries Inc.	GEM: e2, e4, e6, el-xd	NA	Lithium ion battery	GPOL0000 0002	NEV
Vantage Vehicle International, Inc.	VANTAGE: EV3XS Flooded, EV60C Flooded, EV60P Flooded, EVC100 AGM, EVP1000 AGM, EVR1000 AGM, EVX1000 AGM, EVX100 Flooded, LI2XC, LI2XP, LI2XS, LIC1000, LIP1000, LIR1000, LIV7C, LIV7P, LIV60CLIV60P , LIX1000	NA	Lead- acid battery	GVV10000 072V	NEV

Vantage Vehicle International, Inc.	VANTAGE: EV3XS Flooded, EV60C Flooded, EV60P Flooded, EVC100 AGM, EVP1000 AGM, EVR1000 AGM, EVX1000 AGM, EVX100 Flooded, LI2XC, LI2XP, LI2XS, LIC1000, LIP1000, LIR1000, LIV7C, LIV7P, LIV60CLIV60P , LIX1000	NA	Lithium ion battery	GVV10000 072V	NEV
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“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.

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Type IV ZEV has a range of equal to or greater than 200 miles, must be capable of replacing 285 miles (UDDS ZEV range) 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, Navistar Type 1.5 E-Star, Phoenix Motorcars MDV and Zenith Motors LLC. 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 Ibs GVW.