<u>Section No.</u> 01.00.00 .01.00 .01 .02	<u>Title</u> Communications Mailing Information Certification Information Responsible official
02.00.00 .01.00 .02.00	Confidential Information Statement of confidentiality Test vehicle selection "Worst case" test vehicle selection and manufacturer defined criteria if more than one model offered (e.g. 2-door vs 4-door).
.03.00	Projected California annual model-year sales
03.00.00	Facilities, equipment, and test procedures (Manufacturers to keep information regarding facilities and equipment on file.)
.01.00	(Reserved)
.02.00	Battery pre-conditioning procedures (if necessary)
04.00.00	(Reserved)
05.00.00	(Reserved)
06.00.00 .01.00 .02.00 .03.00	Maintenance Test vehicle scheduled maintenance Recommended customer maintenance schedule Lubricants and heater fuels, if any
07.00.00	Vehicle Emission Control Information (VECI) and Environmental Performance (EP) Labels
.01.00	VECI Label locations
.02.00	Sample VECI labels
.03.00	Sample EP label (Formerly called the Smog Index label)
.04.00	Statement of compliance

Section No.	<u>Title</u>
08.00.00	General technical description
	(Manufacturer's sales brochures or owner's manual may be
	submitted to satisfy the requirements in this section.)
.01.00	Description of Propulsion System
.02.00	Desription of Motor(s)
.03.00	Description of Batteries
.01	Battery charging capacity
.02	Self-discharge information
.03	Description of thermal management system
.04	Definition of end-of-life
.05	Description of battery disposal plan
.04.00	Description of Controller/Inverter
.05.00	Description of Transmission
.06.00	Description of climate control system
.01	Electric Heat Pump
.02	(Reserved)
.03	Climate control system logic
.04	(Reserved)
.07.00	Description of Regenerative Braking System
.01	Control logic
.02	Percentage of braking performed on road by each axle
.08.00	Description of charger
.01	Proper recharging procedures
.02	Power requirements necessary to recharge vehicle
.09.00	Accessories which draw energy from the batteries
.10.00	Other unique features (e.g. solar panels)
.11.00	Description of warning system(s) for maintenance / malfunction
.01	Cut off terminal voltages for prevention of battery damage
09.00.00	(Reserved)
10.00.00	(Reserved)
11.00.00	Starting and shifting schedules
12.00.00 through 16.00.00	(Reserved)

Section No.	<u>Title</u>
17.00.00	California requirements
.01.00	Statement of compliance
.01	General statement
.02	Driveability statement
.02.00	Supplemental Data and Certification Review Sheets
.03.00	(Reserved)
.04.00	Credits
.01	Description of multi-manufacturer arrangements
.02	Credit calculation
.05.00	Vehicle Safety
.01	All information for safe operation of vehicle
.02	Information on safe handling of battery system
.03	Description of emergency procedures
.06.00	(Reserved)

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# \_\_\_\_\_MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer:	Test Group:				
Vehicle Class(es): PC, LD	T1 (0-3750 lbs. LVW), LDT2 (≥ 3,751 lbs. LVW),				
MDV6 (8,500-10,0	000 lbs. GVW), MDV7 (10,001-14,000 lbs. GVW)				
ZEV Type: NEV, ZEV					
No. of ZEV Credits per vehicle:					
Fuel Type: Electro-chemical Batte	ry, Fuel Cell, Capacitor, Other (specify)				
Battery Type(s): Lead Acid N	lickel Cadmium SBLA Sodium Sulfur				
Sodium Nickel Chloride	Nickel Metal Hydride Lithium Metal Disulfide				
Zinc Air Zinc Bromine	Lithium Polymer, Lithium Ion,				
Other (specify):					
Total Battery Weight (kg.):	Total Battery Volume (liters):				
No. of batteries or modules per veh	nicle: Total Battery Voltage:				
Charger(s): On-board Off-b	oard Conductive Inductive.				
Drive Motors(s): AC Induction	DC Brush DC Brushless				
Switched Reluctance O	ther (specify ):				
No. of Drive Motors Rated n	notor power@rpm Max rpm:				
Drive: FWD RWD 4V	/D-FT 4WD-PT				
Regenerative Braking: No Y	es FW RW AW				
Driver Controlled Regen Braking: \	es No Coast Regen Braking: Yes No				
Air Conditioning: Yes No	, Fuel Fired Heater: <sup>1</sup> Yes No				

Vehicle Make & Models	Trans type			ETW	DPA / RLHP or
(If coded, see	M5, A4		Curb	or	Dyno Coeff.
attachments)	(If applicable)	GVWR	Weight	Test Weight	a=, b=, c=

Date Issued:

Revisions:

<sup>&</sup>lt;sup>1</sup> Fuel fired heaters are not allowed in pure ZEVs for model year 2009 and subsequently.

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#### MODEL-YEAR AIR RESOURCES BOARD CERTIFICATION REVIEW SHEET ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer:\_\_\_\_\_ Test Group:\_\_\_\_\_

Range Test Results							
		(check one)	(check one)		System	System	Vehicle
		TW	DPA	City	AC	DC	DC
Vehicle ID	Trans	ETW	RLHP	Range	(Wh/mi)	(Wh/mi)	(Wh/mi)
			Or dyno coeff.				
					0		
						•	
				-			
				Range	(vvn/mi)	(vvn/mi)	(vvn/mi)
				Hwy. Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)

Battery Test Results:

Specific Energy: Wh/kg\_\_\_\_\_

Remarks:

Date Issued:	ate Issued: Revisions:				
	ARB	USE ONLY			
Application:					
Processed By:	Date:	Reviewed by:	Date:		