VEHICLE INFORMATION / TEST SPECIFICATIONS  
FMVSS No. 305

VEHICLE INFORMATION:

Vehicle Make/Model/Year: _____________________________________________

Vehicle Body Style: __________________________________________________

GVWR:                           ________ lbs, ________ kg

GAWR Front:       ________ lbs, ________ kg

GAWR Rear:  ________ lbs, ________ kg

TIRES:

Manufacturer: __________________________________________________________

Location of Placard on Vehicle: __________________________________________

Recommended Tire Size: _________________________________________________

Recommended Cold Tire Pressure:

Front:  ______________kPa;  Rear:  ______________kPa

Size of Tires on Test Vehicle:  ___________________________________________

Type of Spare Tire:  _____________________________________________________

Tire Pressure with Maximum Capacity Vehicle Load:

Front:  ______________kPa;  Rear:  ______________kPa
VEHICLE CAPACITY DATA:
Type of Front Seat(s): _____________________________________________________

Number of Occupants:
    Front: ________  Rear: ________  Total: ________

Vehicle Capacity Weight (VCW): ________ kg

Number of Occupants x68 kg: ________ kg

Rated Cargo and Luggage Weight (RCLW): ________ kg

ELECTRONIC VEHICLE PROPULSION SYSTEM:
Type of Electric Vehicle Propulsion (Electric/Gas-Electric Hybrid/Fuel Cell-Electric Hybrid):
______________________________________________________________________

Propulsion Battery Type: _________________________________________________

Nominal Voltage: _______________________________ V

Is this vehicle equipped with an Automatic Propulsion Battery Disconnect?

☐ YES  ☐ NO

Physical Location of Automatic Propulsion Battery Disconnect?
______________________________________________________________________

Auxiliary Battery Type: ___________________________________________________

PROPULSION BATTERY SYSTEM DATA:
Electrolyte Fluid Type: ___________________________________________________

Electrolyte Fluid Specific Gravity: ________________________________

Electrolyte Fluid Kinematic Viscosity: _______________________________________

Electrolyte Fluid Color: ___________________________________________________

Propulsion Battery Coolant: _______________________________________________
Propulsion Battery Coolant Color (if applicable): _______________________________

**Location of Battery Modules:**

☐ Inside Passenger Compartment
☐ Outside Passenger Compartment

**Propulsion Battery State of Charge:**

☐ Maximum State of Charge: _______________________________ V

OR

☐ Range of Normal Operating Voltage: ________________________ V

**VEHICLE CHASSIS GROUND POINT(S) LOCATION(S):**

What is the recommended chassis ground point(s) & location(s) for measurement of electrical isolation? Attach necessary documentation.

____________________________________________________________________
____________________________________________________________________
____________________________________________________________________

**PROPULSION BATTERY SYSTEM:**

What are the recommended positive and negative measurement points for automatic disconnect and propulsion battery? Attach necessary documentation.

____________________________________________________________________
____________________________________________________________________
____________________________________________________________________

What is the recommended method for attaching test leads to measurement points? Attach necessary documentation.

____________________________________________________________________
____________________________________________________________________
____________________________________________________________________

FORM 305
TESTING PERFORMED BY YOUR COMPANY:

Vehicle Make/Model/Year: _____________________________________________

Vehicle Body Style: ____________________________________________________

Test No.: ________   VIN:  ___________________________________________

Build Date: ________   GVWR/LLVW: ________ lbs

Transmission Type:

☐ Automatic
☐ Manual

List all FMVSS Tests Performed on this Vehicle: ______________________________

PRE-IMPACT DATA:

Propulsion Battery Voltage

V1: ________ V   V2: ________ V

Propulsion Battery to Vehicle Chassis

V1: ________ V   V2: ________ V

Propulsion Battery to Vehicle Chassis Across Resistor

Ro: ________ Ω   Ri/Vb: ________ Ω / V (Electrical Isolation Value)

POST IMPACT DATA:

Propulsion Battery to Vehicle Chassis

V1: ________ V   V2: ________ V

Propulsion Battery to Vehicle Chassis Across Resistor

Ro: ________ Ω   Ri/Vb: ________ Ω / V (Electrical Isolation Value)
PROPELLION BATTERY SYSTEM COMPONENTS:

Describe Propulsion Battery Module movement within the passenger compartment (if applicable):
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________

Describe intrusion of an outside Propulsion Battery Component into the passenger compartment (if applicable):
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________

Describe Propulsion Battery Electrolyte Spillage or Leakage into the passenger compartment (if applicable):
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________

Comments:
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________