Appendix F. Battery Approval Form

FSGP 2019 Battery Form

NOTE: The manufacturer’s specification sheet, the battery’s MSDS sheet with accident protocol, and a description of the protection circuitry (protection circuitry schematic, high level description, list of items protected) must also be submitted to FSGP Headquarters prior to approval. Battery approval is subject to verification at Scrutineering. If the manufacturer changes the battery’s specifications, the new specifications must be submitted for re-approval. Teams should bring unmodified cells for weight verification.

CONTACT INFORMATION

Date: ___________________________ Team Number: ___________________________
Organization: ___________________________ Team Battery Contact
Team Email: ___________________________ Phone: ___________________________

MANUFACTURER INFORMATION

Manufacturer: ___________________________ Type (LION, etc): ___________________________
Manufacturer URL: ___________________________ Model Number: ___________________________
Battery Name: ___________________________ Charge Rate: ___________________________
Battery Capacity (Ah): ___________________________ Cell Voltage: ___________________________
Battery Mass (kg): ___________________________ Max Discharge Current per Cell: ___________________________
Battery Cost (US$): ___________________________

VEHICLE BATTERY PACK SPECIFICATIONS

Number of batteries in the vehicle battery pack: ___________________________
Pack Mass (kg): ___________________________ Pack Voltage: ___________________________
Pack Configuration: ___________________________

SUPPLIER INFORMATION

Information for the company that is supplying the batteries to the team. This may be the original manufacturer or a reseller. If the supplier uses a different model name or number than the manufacturer, please provide that information.

Supplier: ___________________________ Contact: ___________________________
Email: ___________________________ Phone: ___________________________
Supplier Battery Name: ___________________________ Supplier Model #: ___________________________

Note: For this form, the term “battery” refers to the smallest single unit produced by the manufacturer. A lithium ion battery usually contains one cell. Teams or suppliers may group batteries together to form “modules”. The term “battery pack” refers to the full vehicle battery system made up of multiple batteries.