SAE CSC2010 SNOWMOBILE DESCRIPTION FORM

Please fill out the following form and return it to the registration desk. ***Answer all questions about your snowmobile as it is actually competing (not as it was intended to compete).***

Team Name McGill University ***Team Number:*** 23

Chassis-Year and Model BRP Tundra 2006

Engine

Engine Cycle (2-stroke, 4-stroke, rotary, or electric) Electric **Number Of cylinders** 0

Engine Displacement (cc or electric motor size) 12.5 kW

Engine Manufacturer Hi Performance Electric Vehicle Systems

Engine Modifications (if any)

Compression Ratio

Turbocharged? or Supercharged? Yes or No – If Yes circle one

Engine Management System

Fuel Delivery -Carburetors, EFI, DI, SDI – (circle one)

Fuel Pump Pressure____psi Fuel Type (circle one) E10, E85, B10, Battery technology Li-ion/ Nickle-Zinc

Emission Control

Air/Fuel Ratio Chosen (lean, stoichometric?)

Catalyst? Type?

Secondary Air Injection? - Yes or No (circle one)

Exhaust Gas Recirculation? – Yes or No (circle one)

Other

Noise Control

Muffler Design

Noise Treatment

Cooling

Describe Strategy Air-cooled electric motor

Other Unique Features of Your Snowmobile

Describe Strategy New nickle-zinc batteries in development, push-button reverse, regenerative hill-descent control, completely stock appearance