

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 ~~XXXXXXXXXXXX~~ Clarkson Electric Knights Team Number: 24

Chassis-Year and Model 2006 Polaris 600RR

Engine

Engine Cycle (2-stroke, 4-stroke, rotary, or electric) electric Number Of cylinders _____

Engine Displacement (cc or electric motor size) ~~1100~~ peak 78KW

Engine Manufacturer Solectria

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 _____

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 4 _____

Noise Control

Muffler Design _____

Noise Treatment _____

Cooling

Describe Strategy _____

Other Unique Features of Your Snowmobile

Describe Strategy New battery pack, improved drive train, new BMS, and a custom built charger.