

SAE CSC2008 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: University of Wisconsin Madison Team Number: 23

Chassis-Year and Model 2005 Polaris Fusion

Engine

Engine Cycle (2-stroke, 4-stroke, rotary, or electric): Electric Number Of cylinders: n/a

Engine Displacement (cc or electric motor size): 105 KW

Engine Manufacturer: Delphi

Engine Modifications (if any):

Compression Ratio:

Turbocharged? or Supercharged? Yes or No :

Engine Management System:

Fuel Delivery -Carburetors, EFI, DI, SDI :

Fuel Pump Pressure_ _psi Fuel Type E10, E85, B10, Battery technology: Lithium

Emission Control

Air/Fuel Ratio Chosen (lean, stoichometric?):

Catalyst? Type?

Secondary Air Injection? - Yes or No :

Exhaust Gas Recirculation? – Yes or No:

Other:

Noise Control

Muffler Design:

Noise Treatment: Paddle Cover, silent track

Cooling

Describe Strategy: Liquid - Tunnel

Other Unique Features of Your Snowmobile

Describe Strategy: 18 miles range, 75 mph top speed