

## 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: **South Dakota School of Mines and Technology** Team Number: **22**

Chassis-Year and Model: **2007 Polaris IQ Z-UP Touring**

### Engine

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

Engine Displacement (cc or electric motor size): **40 HP**

Engine Manufacturer : **Net Goin Impulse 9**

Engine Modifications (if any): **N/A**

Compression Ratio: **N/A**

Turbocharged? or Supercharged? Yes or No – If Yes circle one : **NO**

Engine Management System: **Alltrax AXE 72 45 Motor controller**

Fuel Delivery -Carburetors, EFI, DI, SDI – (circle one): **N/A**

Fuel Pump Pressure     psi -- Fuel Type E10, E85, B10, or Battery technology: **Battery**

### Emission Control

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

Catalyst? Type? : **N/A**

Secondary Air Injection? - Yes or No : **NO**

Exhaust Gas Recirculation? – Yes or No : **NO**

Other : **N/A**

### Noise Control

Muffler Design : **N/A**

Noise Treatment: **N/A**

### Cooling

Describe Strategy : **N/A**

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### Other Unique Features of Your Snowmobile

Describe Strategy: **N/A**