

SAE CSC 2012 IC 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 SUNY Buffalo Team Number: 4

Chassis-Year 11 Model Turbo IQ
Engine

Engine Cycle (2-stroke, 4-stroke, rotary, or electric) 4 stroke Number of Cylinders 3

Engine Displacement (cc or electric motor size) 980 cc

Engine Manufacturer Daihatsu

Engine Modifications (if any) larger bore, intake, exhaust, turbocharger, cooling system

Compression Ratio 19:5:1

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

Engine Management System ECU) No

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

Fuel Pump Pressure 48 psi Fuel Type (circle one) Flex Fuel Biodiesel Battery technology _____

Emission Control

Air/Fuel Ratio Chosen (lean, stoichiometric?) _____

Catalyst? Type? Emitec, oxidation catalyst + particulate filter

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

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

Other _____

Noise Control

Muffler Design None

Noise Treatment Small diameter exit pipe, sound deadening.

Cooling

Describe Strategy Radiator

Other Unique Features of Your Snowmobile

Describe Strategy VAT-turbo, water to air intercooler, belt drive.

Track Manufacturer Carnaplast Length 121 Pitch _____

Traction Studs No? Yes? Type Built in.