

SAE CSC2014 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 University of Waterloo Team Number: 009

Chassis-Year 2012 Model Rush 600

Engine

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

Engine Displacement (cc or electric motor size) 750

Engine Manufacturer Weber

Engine Modifications (if any) _____

Compression Ratio 9:1

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

Engine Management System ECU Mohco M400

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

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

Emission Control

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

Catalyst? Type? 3 way ceramic

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

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

Other _____

Noise Control

Muffler Design Single diffuser, re-entrant

Noise Treatment stock

Cooling

Describe Strategy liquid cooled 50/50 glycol, front rad on bypass loop, main exchanger under tunnel and a fan over it

Other Unique Features of Your Snowmobile

Describe Strategy _____

Track Manufacturer Campplast Length 120 Pitch 2.52

Traction Studs No? Yes Type mounted in