

SAE CSC 2011 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 CLEAN SNOWMOBILE Team Number: 009

Chassis-Year 2009 Model SKI-DOO REV-XP

Engine

Engine Cycle (2-stroke, 4-stroke, rotary, or electric) 4-STROKE Number Of cylinders 3

Engine Displacement (cc or electric motor size) 660 CC

Engine Manufacturer ARCTIC CAT

Engine Modifications (if any) _____

Compression Ratio 6.8

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

Engine Management System ECU) STOCK WITH CMD PIGGYBACK

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

Fuel Pump Pressure 40 psi Fuel Type (circle one) Flex Fuel, Biodiesel, Battery technology _____

Emission Control

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

Catalyst? Type? ^{YES} ~~THREE WAY~~ - PLATINUM

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

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

Other _____

Noise Control

Muffler Design CUSTOM SILENCER + RESONATOR

Noise Treatment SOUND INSULATION ON PANELS

Cooling

Describe Strategy STOCK TUNNEL COOLING

Other Unique Features of Your Snowmobile

Describe Strategy LOW ^{DISPLACEMENT} ~~WEIGHT~~ HIGH OUTPUT 4-STROKE

Track Manufacturer SRP Length 147 Pitch 2.52

Traction Studs Yes? Type SRP