

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 UICSC Team Number: 03

Chassis-Year 09 Model Skidoo mx2

Engine

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

Engine Displacement (cc or electric motor size) 797 cc

Engine Manufacturer Rotax

Engine Modifications (if any) lengthened tuned pipe

Compression Ratio 12.2 (dynamic)

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

Engine Management System ECU Modified Motec

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

Fuel Pump Pressure 37.7 psi Fuel Type (circle one) Flex Fuel Biodiesel, Battery technology _____

Emission Control

Air/Fuel Ratio Chosen (lean, stoichometric?) Dynamic 13-10 AFR

Catalyst? Type? Inactive substrate 3.5x3.5"

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

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

Other _____

Noise Control

Muffler Design Stock modified to accept blank cat.

Noise Treatment Sound deadening material throughout chassis

Cooling

Describe Strategy stock

Other Unique Features of Your Snowmobile

Describe Strategy low-speed

Track Manufacturer Complast Length 121 Pitch 2.82

Traction Studs No? Yes? Type In track