LOCATION

Solar vehicle should be equipped with left and right indicators placed in front, side and rear of vehicle

The lights should be placed symmetrically and 0.7 m above ground level.

LOCATION((DS18B20) temp sensor and smoke sensor())

Battery health monitoring indicator (Include temperature sensor and smoke sensor on battery system) power withdrawn from accumulator must be cut-off if readings from temperature sensor

and smoke sensor exceed safe value as per data sheet provided by manufacturer

HORN

LOCATION DISPLAY

SIDE INDICATORS

START

BUTTON

An audible warning device should be permanently fitted to the solar vehicle. It should continuously emit 105 dB sound measured 2 m behind the source

MASTER SWITCH

SPEEDOMETER

KILL SWITCH KILL SWITCH

TEMP INDICATOR OF MOTOR Text

BATTERY LEVEL INDICATOR

INERTIA SWITCH BRAKE LIGHT INDICATOR

REVERSE DRIVE SWITCH

PROXIMITY SENSOR FOR RPM CALC

LOCATION

--The kill switch should be easily reachable to the driver in cockpit.

--Kill switches placed outside should be easily be actuated in case of an emergency.

--Kill switches should be clearly visible through long distance bearing a bright red color.

LOCATION (CRASH SENSOR)

SIDE INDICATORS

The car should be rigidly mounted with inertia switch (crash sensor)

The device must trigger due to an omni directional peak acceleration of ≤8 g for a half sine test pulse of ≥50 ms length and ≤13 g for a half sine test pulse of ≥20 ms length. The "Sensata Resettable Crash Sensor" should meet those requirements.

LOCATION

Complete wiring harness should be switched off by rotating key master switch. Master switch should be rigidly mounted on rear right hand side of driver.

It should be mounted on fixed bodywork part on chassis.