

Formula Student 2009

Design Judging Score Sheet (Class 1A)

University:

Car No.:

Weight (kg):

Judging Team:

| Max Points | Assessed Area | Points Awarded | Comments (Judges to highlight particularly strong or weak aspects of the design in each assessed area) |
|------------|---|----------------|---|
| 10 | Design Report Score (quality of pre-submitted report) | | |
| 10 | Overall Vehicle Concept (Conceptual appeal, design integration, overall appearance, weight) | | |
| 20 | Overall Integration of Development (Build quality, preparation, integration and verification of improvements) | | |
| 15 | Driver Environment & Low Voltage Electrical Systems (Controls, ergonomics, safety, low voltage wiring, driver display) | | |
| 20 | Chassis Design & Development (Frame & structural aspects, suspension, safety, steering, brakes) | | |
| 40 | Powertrain Design & Development (Engine, hybrid system, high voltage electrical system, alternative fuel optimisation and transmission) | | |
| 15 | Practical Design Aspects (Design for profit, manufacture, servicing and adjustability, fitness for purpose for customer) | | |
| 20 | Application of Engineering Science (Effective use of innovation, advanced analysis, IT design & development, information sharing) | | |
| 150 | DEDUCTIONS (- 50 max) Only use for carryover parts OR overall lack of knowledge TOTAL (before moderation) | | Overall Summary |

- The team should explain what changes for the better they have made to last year's car, how they executed them, and justify why it will be an even better race car.
- Up to 50 points may be deducted for too much carryover of last year's Class 1A car and/or lack of understanding of the design, development, manufacture and costs of the car on which this one was based. 25 points will automatically be deducted if the car fails to start in any of the dynamic events.

• Form completed by (write name in BLOCK CAPITALS): _____