



## Manufacturing Registration Form 2011

Name of school: \_\_\_\_\_  
 Postal address of school: \_\_\_\_\_  
 Which University/College are you affiliated to? \_\_\_\_\_  
 Name of team: \_\_\_\_\_ Contact no: \_\_\_\_\_  
 What design software did you use? \_\_\_\_\_  
 Which version? \_\_\_\_\_

How many car designs are being submitted for manufacture? \_\_\_\_\_  
**Manufacturing cost per set of cars (Two identical cars) R1200 VAT incl. (Machined on two sides)**  
**Manufacturing cost per set of cars (Two identical cars) R1400 VAT incl. (Machined on three sides)**  
**(These prices includes the balsa wood blank, set of wheels, washers, axles and screw eyes)**

**Please note:** You must provide both the .par and .stl file. The CO<sub>2</sub> chamber must be in the same position as the balsa wood template. Please check the back of this page for additional information.

**Please allow two weeks for completing the manufacturing at the manufacturing centre.**

Please provide shipping instructions for return of manufactured cars.

Our cars will be:

COLLECTED

Cost per car  
**(R0)**

COURIERED

Cost for 2 cars  
**(R200)**

(Please note that only clearly marked axle holes will be drilled!)

	QUANTITY	FILE NAME	COST
Design 1	□		
Design 2	□		
Design 3	□		
<b>SHIPPING TOTAL</b>			

**MANUFACTURING OF CARS WILL ONLY BE DONE WHEN PROOF OF PAYMENT IS RECEIVED**

Please attach proof of payment of manufacturing/shipping fees.

Bank details: **Nedbank Midrand Account Number: 1469 175 606 Branch Code: 146 905**



## **SPECIAL CONSIDERATIONS WHEN MANUFACTURING YOUR CAR**

1. Make sure you have read the F1 in Schools car specification rules completely. The Rules and Regulations applicable can be downloaded from [www.f1inschools.co.za](http://www.f1inschools.co.za).
2. Manufacturing centres are not allowed to make any changes to designs. They will manufacture what you design. Make very sure that your design can be machined.
3. You must send the original CAD file (.par) and the CAM file (.stl) file to the manufacturing centre. The CAD file will be used to verify the location of the CO<sub>2</sub> chamber in the F1 car design.
4. Please use the team name for naming the file; this makes identifying your file in the CNC machine database so much easier.
5. Axle holes will be drilled using a 6.350mm drill bit, unless otherwise stipulated to the manufacturing centre. Axle holes will only be drilled if they are clearly marked in the CAD and .stl files.
6. All cars are machined using either a 6mm or 6.350mm cutter. Teams should be aware that thin components of their F1 car may be removed during machining.
7. Teams should keep in mind that hand sanding should occur after the machining of their F1 cars. If tolerances are too small, this will prevent the team from smoothing machine marks.