



# Formula SAE Cost Event – Revised 18/3/10

## Expectations and Requirements for 2010 Italian Event

Below is a summary of the expectations and requirements for the Cost Event for the Formula SAE Italy 2010. These are consistent with the rules including Rules C3.8.1 and C3.24 but are meant to clarify and provide more flexibility to teams. Please note that teams are required to submit both a hard copy and an electronic report.

1. Hard Copy Report – Required - Hard copy reports are required and must be by the date/time posted under “Deadlines” on the Formula SAE Italy 2010 website <http://www.ata.it/it/formulaata/view/12/formula-sae-italy-2010/content/61/deadlines/>
2. Electronic Submission – Required - Electronic data submission is required with Excel. (The Cost Event Application option is not required, due to bugs and long sync times; for the 2011 competitions we anticipate replacing the Access application with a completely web based Cost system).

The Excel spreadsheet called 2010\_FSAE\_eBOM.xls can be downloaded from [www.fsaonline.com](http://www.fsaonline.com). The Excel spreadsheet must be included on a CD that is mailed with the hard copy report.

3. Report Precedence - In cases where there are differences between the hard copy and electronic submission the hard copy report will have precedence.
4. Hard Copy Cost Report Requirements - The mailed Cost Report must:
  - a. Be postmarked by the deadline
  - b. Use the official Cost Tables (posted on [www.fsaonline.com](http://www.fsaonline.com)) for all costs. Note: the Excel spreadsheet version of the official Cost Tables will continue to be updated through 2010.
  - c. No receipts are required, and none allowed.
  - d. All materials, processes, fasteners and tooling must be taken from the Cost Tables. Items that are not in the tables will need an Add Item Request submitted immediately (see item 6 below) and will need to be included in the Addendum with the applicable cost penalty.
  - e. Follow all rules, especially 3.8 “Cost Report”

- f. Have listed on the cover the University name, Competition(s) Name(s) and Car number(s) for each event (as per 3.8).
  - g. A summary listing the cost of each of the eight systems including break down of materials, processes, fasteners and tooling with totals for each system.
  - h. One (or more) pages for each assembly including assembly number, the parts of the assembly and the materials, processes, fasteners and tooling making up the assembly.
  - i. One (or more) pages for each part including part number and the materials, processes, fasteners and tooling making up the part.
  - j. Include the filled out spreadsheet on CD.
5. Additional Documentation - Additional documentation should include sufficient information to convey the engineering design and manufacturing processes to support the costing information included in the report. This should be submitted with the hard copy report at a minimum. The content can include but is not limited to:
  - a. Engineering drawings for parts and assemblies
  - b. Assembly explosion diagrams
  - c. Pictures of the actual parts
  - d. Documentation proving process methods (such as casting)
  - e. Manufacturer's information (such as website print outs) that provides information on purchased parts that teams are required or are optionally costing as made parts.
6. Add Item Request Deadline - The deadline to receive Add Item Requests is May 28, 2010 for the Formula SAE Italy 2010. Add Item Requests should be submitted online at: <http://www.fsaeonline.com/eAIR.htm>.