|  |  |  |  |
| --- | --- | --- | --- |
| University Name: |  | | |
| Car # and Event(s): |  | | |
| Team Contact: |  | Email: |  |

Teams who want to use an ETC must submit a detailed description of their system not later than the deadline specified in the FS East Documentation Rules 2018. To fullfill rule CV 1.6.12, the description must follow the requirements below. Documents which do not follow those requirements will be considered as NOT submitted.

The system description must be uploaded as one pdf file, with the following content and order:

1. Include a short paragraph detailing your team’s outline design and showing that you have the capability to design the electronic systems.
2. Listing of all sensors used for ETC. The listing must have the following columns:
   * Name
   * Manufacturer
   * Manufacturer Part Number
   * Operation Principle
   * Classification according to FS Rules 2018 T10.4.2
3. Schematic of the whole ETC system. All SCS (see T10.4) must be marked. The drawing must be a vector graphic and has to show how T 10.4 is fulfilled (e. g.Pullup resistors).
4. Everything not clearly visible in the schematic of page two must be explained in text form. (e.g. What happens if the voltage supply of the BSPD fails.)
5. Drawing of the throttle body. The drawing must fill at least three quarters of the page.
6. Deviations due to OEM ETC System. This page is only necessary if an OEM ETC system is used which deviates from the rules (see CV 1.6.3).
7. Datasheets of all sensors used must be attached.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Approved by\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_