



Electronic Throttle Control System Description 2018

Teams who want to use an ETC must submit a detailed description of their system not later than the deadline specified in the FSG Competition Handbook 2018. To fulfill 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
- Font / size / color: Arial / 10pt / black
- Paper size: DIN A4 (ISO 216 – A4)
- Header: Vehicle Number and University Name
- First page: Listing of all sensors used for ETC. The listing must have columns like the table below.

Type	Manufacturer	Manufacturer Part Number	Measurement Principle	T10.4.2 (a,b,c,d)
APPS 1				
...				

- Second page: 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).
- Third page: 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.)
- Fourth page: Drawing of the throttle body. The drawing must fill at least three quarters of the page.
- Fifth page: 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).
- Datasheets of all sensors used must be attached.