European Technical Standard Order

Subject: ENGINE-DRIVEN DIRECT CURRENT GENERATORS/STARTER-GENERATORS

1 - Applicability
This ETSO gives the requirements which engine-driven D.C. generators/starter-generators that are manufactured on or after the date of this ETSO must meet in order to be identified with the applicable ETSO marking.

2 - Procedures
2.1 - General
Applicable procedures are detailed in CS-ETSO Subpart A.

2.2 - Specific
None.

3 - Technical Conditions
3.1 - Basic
3.1.1 - Minimum Performance Standard

3.1.2 - Environmental Standard
See CS-ETSO Subpart A paragraph 2.1.

3.1.3 – Computer Software
None

3.2 - Specific
None.

4 - Marking
4.1 - General
Marking is detailed in CS-ETSO Subpart A paragraph 1.2; In addition to this marking, the following information shall be legibly and permanently marked on the equipment:

(1) The environmental categories in which it has been qualified to operate in accordance with the applicable SAE document; however this marking is not necessary when the alternative is used as described in EUROCAE/RTCA document ED-14D/DO-160D.

(2) The digital computer software version (if applicable) and the environmental categories over which it has been tested.

(3) Indicate D.C. generator or starter generator.

(4) Nominal power output (electrical voltage and watts).

(5) Mechanical power input requirements (pad requirements).

4.2 - Specific
None.

5 - Availability of Referenced Document
See CS-ETSO Subpart A paragraph 3.