



**PERMANENT DOCUMENT**

**ENEC 303  
Annex AM**

**Annex AM  
to Routine Test Requirements for manufacturers  
(as per Article 9 of the Agreement)**

**AC motor capacitors  
covered by EN 60252-1 and EN60252-2**

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# Annex AM to PD ENEC 303

## AC motor capacitors covered by EN 60252-1 and EN60252-2

### 1 ROUTINE TESTS (100%)

Capacitors shall be subjected to the following tests in the stated order:

AC motor running capacitors(EN60252-1)

- Clause 5.12 Sealing test, if applicable
- Clause 5.7 Voltage test between terminals
- Clause 5.8 Voltage test between terminals and case
- Clause 5.6 Visual examination
- Clause 5.9 Capacitance measurement
- Clause 5.5 Tangent of loss angle

AC motor start capacitors(EN60252-2)

for Self-healing motor start capacitors

- Clause 5.1.12 Sealing test, if applicable
- Clause 5.1.7 Voltage test between terminals
- Clause 5.1.8 Voltage test between terminals and case
- Clause 5.1.6 Visual examination
- Clause 5.1.9 Capacitance measurement
- Clause 5.1.5 Tangent of loss angle

for Electrolytic motor start capacitors

- Clause 6.1.11 Sealing test
- Clause 6.1.6 Voltage test between terminals
- Clause 6.1.7 Voltage test between terminals and case
- Clause 6.1.5 Visual examination
- Clause 6.1.8 Capacitance and power factor measurement

### 2 PERIODIC TESTS

Each series/family (same basic construction) shall be subject to complete test or the main critical test depending on the results of the pre-license according to the standard at least once a year.