

**PURCHASE SPECIFICATION FOR BARE COPPER STRIPS USED
IN FABRICATED FIELD COILS OF GENERATORS**

1. Scope

This specification covers the requirements of the barecopper strips used in the fabricated field coils of generators.

2. Material

The material should be in ETP Annelead (O) (bright) condition as per IS : 1897.

3. Tolerances :

Tolerance on width of the conductor : ± 0.1 mm

Tolerance on thickness of the conductor : ± 0.035 mm

4. Corner radius :

Nominal radius on edges : 0.8 mm

Tolerances : ± 0.15 mm

5. Specification :

The material should conform to IS : 1897, but with the above mentioned tolerances and corner radius.

6. Tests :

Supplier's test certificate for each lot as per IS:1897 for the following tests is to be obtained :

- a) Visual and dimensional checks
- b) Chemical composition and mechanical properties test
- c) Electrical resistivity test