

(PREVIEW)

IS 10138 : 2010

Indian Standard

**MACROSCOPIC METHODS FOR DETERMINATION
OF NON-METALLIC INCLUSION CONTENT
IN WROUGHT STEELS**

(Second Revision)

1 SCOPE

1.1 This standard describes the macroscopic methods used for assessing the content of non-metallic inclusions in wrought steel products.

1.2 Macroscopic methods are those dealing with non-metallic inclusions visible to the naked eye or with the aid of a magnifying glass with a magnification of not more than 10 x. Only inclusions equal to or greater than t mm long are taken into consideration.

1.3 The methods applied and defined in this standard are:

- a) Blue fracture test method;
- b) Step machined test-method; and
- c) Magnetic particle inspection method.

2 REFERENCE

The following standard contains provision which through reference in this text, constitutes provision of this standard. At the time of publication, the edition was valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below:

<i>IS No.</i>	<i>title</i>
3703: 2004	Code of practice for magnetic particle flaw detection (<i>second revision</i>)