

(PREVIEW)

IS 1239 (Part I) : 2004

Indian Standard
**STEEL TUBES, TUBULARS AND OTHER WROUGHT
STEEL FITTINGS - SPECIFICATION**
PART 1 STEEL TUBES
(Sixth Revision)

1 SCOPE

1.1 This standard (Part 1) covers the requirements for welded and seamless plain end or screwed and socketed steel tubes intended for use for water, non-hazardous gas, air and steam. This standard is applicable to tubes of size 6 mm nominal bore to 150 mm nominal bore.

1.2 Medium and heavy tubes only are recommended for carrying steam services. The maximum permissible pressure and temperatures for different sizes of tubes are given in Annex A for guidance only.

2 REFERENCES

The following standards contain provisions which through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were 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 editions of the standards indicated below:

| <i>IS No</i> | <i>Title</i> |
|---------------------------|---|
| 228 | Method for chemical analysis of steels |
| 513: 1994 | Cold-rolled low carbon steel sheets and strips (<i>fourth revision</i>) |
| 554: 1999 | Pipe threads where pressure-tight joints are made on the threads Dimensions, tolerances and designation (<i>fourth revision</i>) |
| 1239 (Part 2) : 1992 | Mild steel tubes, tubulars and other wrought steel fittings: Part 2 Mild steel socket, tubulars and other wrought steel pipe fittings (<i>fourth revision</i>) |
| 1387: 1993 | General requirements for the supply Of metallurgical materials (<i>second revision</i>) |
| 1608: 1995 | Mechanical testing of metals Tensile testing (<i>second revision</i>) |
| 2328: 1983 | Method for flattening test on metallic tubes (<i>first revision</i>) |
| 2329:1985 | Method for bend test on metallic tubes (In full section) (<i>first revision</i>) |
| 4711 : 1974 | Methods for sampling of steel pipes, tubes and fittings (<i>first revision</i>) |
| 4736: 1986 | Hot dip zinc coatings on mild steel tubes (<i>first revision</i>) |
| 4740: 1979 | Code of practice for packaging of steel tubes (<i>first revision</i>) |

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| 8999: 1979 | Gauging practice for pipe threads where pressure tight Jamb are required on the threads |
| 10748:1995 | Hot rolled steel strip for welded tubes and pipes (<i>first revision</i>) |
| 12278 1988 | Method for ring tensile: test Oil metallic tubes |