

Standards and Specifications for Seamless Pipes / Tubes

Oil Country Casing, Non-Upset Tubing Line Pipe and High Test Line Pipe	:	API-5A-Grades J 55 and N 80 API-5AX-Grades P 105 and P 110 API-5L-Grades A and B API-5LX-Grades X 42, X 46 and X 52 IS-1978-Grades YST 21 and YST 25
Boiler and Superheater Tubes	:	BS-3059-Grades 33, 45, 620 and 622 ASTM-A-192 ASTM-A-209-Grades T1, T1a, T1b ASTM-A-210-Grades A-1 ASTM-A-213-Grades T 5, T 11 and T 22 IS-1914-Grades CDS & HFS IS-2416-Grades CDS & HFS IRS--R 22-61
Heat Exchanger and Condenser Tubes	:	ASTM-A-179 ASTM-A-199-Grades T 5, T 11 and T 22 ASTM-A-200-Grades T 5, T 11 and T 22
Still Tubes for Refinery Service	:	ASTM-A-161-Grades Low Carbon and T1 ASTM-A-200-Grades T 5, T 11 and T 22
Tubes for Pressure Purpose: Ordinary Duties	:	BS-806/54-Classes A and B BS-3601-Grades 22, 27 and 35
Tubes for Pressure Purposes: High Duties	:	BS-3602-Grades 23, 27 and 35 BS-3604-Grades 620, 621, 622 and 625
Tubes for Low Pressure Service	:	BS-3603-Grades 27 LT 30 and 27 LT 50 A-333-Grades 1 and 6 A-334-Grades 1 and 6
Tubes for High Temperature Service	:	ASTM-A-106-Grades A and B ASTM-A-335-Grades P1, P5, P11 and P22
Tubes for Water and Gas and Steam Services	:	BS-1387 ASTM-A-120 ASTM-A-53-Grades A and B IS-1239
Tubes for Mechanical, Structural and General Engineering Purpose	:	BS-1775-Grades 11, 13, 16, 20, 24, 28 and 35 IS-3601-Grades 21, 25, 32, 38 and 44 IS-1161-Grades YST 22, 25 and 32
Tubes for Rotary Core Drilling Accessories conforming to BS-4019 Part I, 1974	:	Made from suitable grades of steel e.g. 080A37
Automobile Tubes	:	BS-980-Grades CDS 1, 2 and 3
Tubes for Rear Axles and other Mechanical Applications	:	Made from SAE-1040 steel and other special steels
Tubes for Water Wells	:	IS-4270, Grades St-42 and St-55. Plain at Ends to Tables 1 and 2 of the Specification