Ferritic Piping Solutions

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FerroPipE

Seamless Pipes

ASME SA 333 Grade 1

CARBON STEEL

Seamless ferritic and austenitic alloy steel boiler, superheater and heat-exchanger tubes

Material Description

ASME SA 333 Grade 1 Carbon Steel Seamless Pipes are Medium Carbon Steel Pipes with max 0.30 % carbon content with combination of 0.40 - 1.06 % manganese.ASME SA 333 Grade 1 Carbon Steel Seamless Pipes are most commonly used for general purpose applications worldwide.ASME SA 333 Grade 1 Pipes are ductile and strong Pipes with long wearing properties.These Pipes are manufactured as per ASME Specification and commercially referred as carbon steel Pipes.

Chemical Properties

Carbon	Silicon	Manganese	Phosphorous	Sulphur	Molybdenum	Nickel	Chromium	Copper	Other Elements
max 0.30	-	0.40 - 1.06	0.025	0.025	-	-	-	-	-

Mechanical Properties

Yeild Stress (O.2% Offset)		Tensile Strength			Elongation
min MPa	min MPa	min MPa	max MPa	min ksi	A5 min
205	30	380	-	55	35

Production Programme

The diameter, tolerances and surface finish of component are the same as those stated for the full length tube.
Outer diameter: 6.25-1800mm Nominal Dia: 1/4"-72"
Schedule: 10 - XXS / Thk 1mm-150mm
Single random Lengths: 4-7 meters
Double random Lengths: 7-13 meters
Chamfering can be done at fixed lengths.
Pipes are externally varnished with black paint or Bare.
Hot deep Galvanised Pipes with threaded ends are provided.

Certifications

Pipes and Tubes manufactured as per ASME SA 333 Grade 1 are certified with En 10204 Type 3.1/3.2. IBR,NACE,HIC,IGC,IMPACT are adhered as supplementary testing requirements.

Product Marking

Each Pipe/tube is marked with tube type, heat number, steel grade and size. Other markings, such as stamping, can be made on request.

Reference Documents

A 450/A 450M,A 999/A 999M,E213,E309,E381,E527,E570,SNT-TC-1A ,SAE J 1086

Related Keywords

Carbon Steel Pipe, Ferritic Steel Pipe, Carbon Steel Seamless Pipe, Asme Sa 333 Grade 1 Seamless Pipe, Grade 1 Pipe, Seamless Steel Pipe, Ferritic Carbon Steel Pipe, Asme Sa 333 Seamless Pipe

Equivalent Designation

European Standard EN P215NL Grade 10216-4	DIN Specification DIN 17173 Grade TTSt 35 N
ASME Specification ASME SA 333 Grade 1	ASTM Specification ASTM A333 Grade1
British Standard -	Japanese Standard JIS G 3460 Grade STPL 380

Pipes Make: ISMT, MSL, JSL, TATA, BHUSHAN, JINDAL, SUMITOMO, TENARIS, ARCELOR MITTAL

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India's Largest Stockist & Dealers of Carbon Steel Pipes & Alloy Steel Pipes

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