

## 1. Welded Carbon Steel Pipes /Tubes:

### Application

- 1) For manufacture of pipeline, vessel ,Equipment, Pipe fitting , Maching
- 2) For long distance conveyance of petroleum and conveyance of other fluid
- 3) For manufactures of low/ Medium and high pressure boiler, water cooling panel reheater, steam pipeline and superheater

### Specification

- API SEPC 5L, API SPEC 5CT
- ASTM A106, ASTM A53, ASTM A192, ASTM A179., ASTM A333, ASTM A210
- ASTM A519, ASTM A500 OR Equivalent
- DIN 1629, DIN 2449, DIN2391, DIN17175, DIN 17179, DIN 2445, DIN 2460 Series
- EN 10210, EN 10305, EN10216, BS.JIS

### Size Range

SEAMLESS OD ¼"- 48" Thickness SCH 10-SCH XXS

WELDED OD ¼"-80" Thickness SCH10-SCH 80

## 2. Alloy Steel Pipes /Tubes

### Application

Major in project work for Oil & Gas industry , Food Industry, Electric power industry ,Boiler & Heat exchanger industry, Marine industry,

### Specification

ASTM A213 ASTM A335, ASTM A519, JIS G3441, JIS G3458

### Size Range

1/2' to 48 SCH 10 to XXS

### **3.Welded Stainless Steel Pipes /Tubes**

#### **Application**

Major in project work for Oil & Gas industry , Food Industry, Electric power industry ,Boiler & Heat exchanger industry, Marine industry,

#### **Specification and Steel Grade**

ASTM A213, ASTM A269, ASTM A312, ASTM A347  
ASTM A511, ASTM A789, ASTM A790  
TP304, TP304L, TP304H, TP3210H, TP316L, TP316H

EN 10216 DIN 17456, DIN 17458, ENISO 1127  
1.4307, 1.4306, 1.4301, 1.4541, 1.1550,1.14335, 1.4404, 1.4401, 1.4571 1.4435, 1.4439

GOST 9941-81  
08X18H10T, 12X18H10T, 08X17H13M2T, 10X17H13M2T, 10X17H13M3T  
08X18H10, 10X23H18

#### **Size Range**

SEAMLESS OD -6MM -30" SCH 5S-SCH XXS  
WELDED OD ¼" -98" THICKNESS sch5S –SCH 805

### **4.Fitting , Flanges and valves**

#### **1) Stainless Steel & Carbon steel pipe Fitting**

Type Butt weld, Socket weld ,Threaded

Standard : ASME B316.9,ASME B16.11, ASME B316.28, ASTM A403, ASTM A234,ASTM A182, ASTM A105

#### **Material**

- I. Stainless Steel: WP304, WP304L, WP316, WP316L, WP316H,WO316TI, WP317L, WP321H, WP347H

- II. Carbon steel : WPB,WPL6,A105,A105N,WPHY60
- III. Duplex steel : S31500, S31803,2205, S32304, S62760, S32750

## **2) Stainless steel & Carbon Steel Flanges**

Type Blind WN,SW,TH,SO, LIF

Standard:ASME B316.5 ASME B316.47, ASTM A182

Material: F304,F304L,F316,F316L, F316H, F310, A105,A105N

## **3) Valves**

Type: Ball, Gate, Check,Global, Butterfly

Standard: ASTM A216, API600 AP1602

Material : 304, 304L, 316LA, A105, A105N, WCB, WB6