

Specification Chart of Tubes & Pipes										
CHEMICAL COMPOSITION CS :- Carbon Steel								Mechanical Propent-size: 8pt		
								Tensile Strength	Yield stress	Elongation In
Specification	WT	Type	C%	Mn% MAX	P% MI	S%	Si%	Mpa	Mpa	50mm MIN Longitudinal
ASTM A179	M/W	CS	0.06-0.18	0.27-0.63	0.048	0.058	--	--	--	--
ASTM A192	M/W	CS	0.06-0.18	0.27-0.63	0.048	0.058	0.25 MAX	--	--	--
ASTM A210/ A1	M/W	CS	0.27 MAX	0.93 MAX	0.048	0.058	0.10 MAX	312 MAX	255 MIN	30
DIN/17175/ST35.8	A/W	CS	0.17 MAX	0.40 MIN	0.040	0.040	0.35 MAX	340-441	235 MIN	25
DIN/17175/ST45.8	A/W	CS	0.22 MAX	0.45 MIN	0.040	0.040	0.10-0.35	441-540	255 MIN	21
IS 3074 CDS1	A/W	CS	0.20 MAX	0.30-0.60	0.050	0.050	--	432	373	--
IS 3074 CDS2	A/W	CS	0.10-0.18	0.40-0.80	0.050	0.050	--	432	373	--
IS 3074 CDS3	A/W	CS	0.10-0.18	0.40-0.80	0.050	0.050	--	432	373	--
IS 3074 CDS4	A/W	CS	0.10-0.18	0.60-0.90	0.050	0.050	--	569	461	--
IS 3074 CDS5	A/W	CS	0.10-0.18	0.60-0.90	0.050	0.050	--	687	589	--
DIN 2391 PART1 5T-35	--	CS	0.17	≥0.04	0.050	0.050	0.35	432	-	5%
DIN 2391 PART1 5T-45	--	CS	0.21	≥0.04	0.050	0.050	0.35	540	--	5%
BS 6323 PART 4	--	CS	0.25 MAX	1.25 MAX	0.050	0.050	0.35	520	415	5%