

QUALITY PLAN

Electric Welded Pipes GOST 10705-80.

STEEL GRADE	YIELD STRENGTH	TENSILE STRENGTH
08nc/08ps	196	283 - 314
10nc/10ps	196	300 - 333
10	196	300 - 333
20nc/20ps/20	216	371 - 412
Cт4cn/St2ps, Cт2cn/St2sp	206	300 - 333
Cт3nc/St3ps, Cт3cn/St3sp	216	335 - 372
Cт4nc/St4ps, Cт4cn/St4sp	225	371 - 412

Non alloy carbon steel tubes with specified room temperature properties.

STEEL GRADE	YIELD STRENGTH	TENSILE STRENGTH
P195TR1+ P195TR2	195	320 - 440
P235TR1+ P235TR2	235	360 - 500
P265TR1+ P265TR2	265	410 - 570

Electric welded non-alloy carbon and alloy steel tubes with specified elevated temperature properties.

STEEL GRADE	YIELD STRENGTH	TENSILE STRENGTH
P195GH	113	320 - 440
P235GH	132	360 - 500
P265GH	154	410 - 570

Cold formed welded structural hollow sections of non-alloy carbon and fine grain alloy steels.

STEEL GRADE	YIELD STRENGTH	TENSILE STRENGTH
S235JRH	235	360 - 510
S275J0H, S275J2H	275	410 - 560
S355J0H, S355J2H	355	470 - 630
S355K2H	355	470 - 630
S420	420	480 - 620
S460	460	540 - 720

Welded steel tubes for pressure purposes. Alloy fine grain steel tubes.

STEEL GRADE	YIELD STRENGTH	TENSILE STRENGTH
P275NL1, P275NL2	275	390 - 530
P355N, P355NH	355	490 - 650
P355HL1, P355HL2	355	490 - 650

Electric welded pipes for pipeline of flammable medium. Pipes of Class B demands.

STEEL GRADE	YIELD STRENGTH	TENSILE STRENGTH
L245NB	245 - 440	415
L290NB	290 - 440	415
L360 NB	360 - 510	460
L415NB	415 - 565	520

Electric welded pipes for pipeline of flammable medium. Pipes of Class A demands.

STEEL GRADE	YIELD STRENGTH	TENSILE STRENGTH
L210GA	210	335 - 475
L235GA	235	370 - 510
L245GA	245	415 - 555
L290GA	290	415 - 555
L360GA	360	460 - 620

Specification of line pipes. PSL1.

STEEL GRADE	YIELD STRENGTH	TENSILE STRENGTH
A (L201)	210	310 - 430
B (L245)	245	415 - 760
X42 (L290)	290	415 - 760
X46 (L320)	320	435 - 760
X52 (L360)	360	460 - 760
X56 (L390)	390	490 - 760
X60 (L415)	415	520 - 760
X65 (L450)	450	535 - 760
X70 (L485)	485	570 - 760

Specification of line pipes. PSL 2.

STEEL GRADE	YIELD STRENGTH	TENSILE STRENGTH
BN (L245N), BM (L245M)	245, 450	415 - 760
X42N, (L290N)	290, 495	415 - 760
X46N (L320N), X42M (L320M)	320, 525	435 - 760
X52N (L360N), X52M (L360M)	360, 530	460 - 760
X56N (L390N), X56M (L390M)	390, 545	490 - 760
X60N (L415N), X60M (L415M)	415, 565	520 - 760
X65M, (L65M)	535, 600	450 - 760
X70M, (L485M)	485, 635	570 - 760
X80M, (L555M)	555, 705	625 - 825