

about us

AJ Steel, manufacturer of Tubes and Pipes is strategically located with its two manufacturing units out of Abu Dhabi, UAE to cater to the global demand of ERW steel pipes and tubes. Within a short span of its establishment since 2006, it has grown to become a Global Brand in its segment.

With Quality, Service and Continuous Improvement being its principal motto, AJ Steel has grown together with its customers as partners in their success.

Our ERW pipe range is from 1/2" to 20" NB pipes conforming to International standards with an annual capacity of 360,000 MT.

**CHEMICAL AND MECHANICAL
COMPOSITION OF STANDARDS**

| Specification | Size | Grade / Series | Chemical Composition (Max) | | | | | | | | | | | | | |
|---------------|---------|----------------|----------------------------|-----------|-------|-------|------|-------|------|------|------|------|-------|--------|------|------|
| | | | C % | Mn % | P % | S% | Si% | Cu% | Cr% | Ni% | V% | Nb% | N% | Al%* | Ti% | CEV% |
| ASTM A53 | ½"- 20" | A | 0.25 | 0.95 | 0.050 | 0.045 | - | 0.40 | 0.40 | 0.40 | 0.08 | - | - | - | - | - |
| | | B | 0.30 | 1.20 | 0.050 | 0.045 | - | 0.40 | 0.40 | 0.40 | 0.08 | - | - | - | - | - |
| ASTM A795 | ½"- 10" | A | 0.25 | 0.95 | 0.035 | 0.035 | - | - | - | - | - | - | - | - | - | - |
| | | B | 0.30 | 1.20 | 0.035 | 0.035 | - | - | - | - | - | - | - | - | - | - |
| ASTM A500 | ½"- 20" | A | 0.30 | 1.40 | 0.045 | 0.045 | - | 0.18* | - | - | - | - | - | - | - | - |
| | | B | 0.30 | 1.40 | 0.045 | 0.045 | - | 0.18* | - | - | - | - | - | - | - | - |
| | | C | 0.30 | 1.40 | 0.045 | 0.045 | - | 0.18* | - | - | - | - | - | - | - | - |
| | | D | 0.27 | 1.40 | 0.045 | 0.045 | - | 0.18* | - | - | - | - | - | - | - | - |
| ASTM A252 | 6"- 20" | Gr.1 | - | - | 0.05 | - | - | - | - | - | - | - | - | - | - | - |
| | | Gr.2 | - | - | 0.05 | - | - | - | - | - | - | - | - | - | - | - |
| | | Gr.3 | - | - | 0.05 | - | - | - | - | - | - | - | - | - | - | - |
| 10219 | ½"-20" | S235JRH | 0.17 | 1.40 | 0.040 | 0.04 | - | - | - | - | - | - | - | 0.009* | - | 0.35 |
| | | S275JOH | 0.20 | 1.50 | 0.035 | 0.035 | - | - | - | - | - | - | - | 0.009* | - | 0.40 |
| | | S275J2H | 0.20 | 1.50 | 0.030 | 0.030 | - | - | - | - | - | - | - | - | - | 0.40 |
| | | S355JOH | 0.22 | 1.60 | 0.035 | 0.035 | 0.55 | - | - | - | - | - | - | - | - | 0.45 |
| | | S355J2H | 0.22 | 1.60 | 0.030 | 0.030 | 0.55 | - | - | - | - | - | - | - | - | 0.45 |
| | | S355K2H | 0.22 | 1.60 | 0.030 | 0.030 | 0.55 | - | - | - | - | - | - | - | - | 0.45 |
| | | S275NH | 0.20 | 0.50-1.40 | 0.035 | 0.030 | 0.40 | 0.35 | 0.30 | 0.30 | 0.05 | 0.05 | 0.015 | 0.020* | 0.03 | 0.40 |
| | | S275NLH | 0.20 | 0.50-1.40 | 0.030 | 0.025 | 0.40 | 0.35 | 0.30 | 0.30 | 0.05 | 0.05 | 0.015 | 0.020* | 0.03 | 0.40 |
| | | S355NH | 0.20 | 0.90-1.65 | 0.035 | 0.030 | 0.50 | 0.35 | 0.30 | 0.50 | 0.12 | 0.05 | 0.015 | 0.020* | 0.03 | 0.43 |
| | | S355NLH | 0.18 | 0.90-1.65 | 0.030 | 0.025 | 0.50 | 0.35 | 0.30 | 0.50 | 0.12 | 0.05 | 0.015 | 0.020* | 0.03 | 0.43 |
| | | S460NH | 0.20 | 1.00-1.70 | 0.035 | 0.030 | 0.60 | 0.70 | 0.30 | 0.80 | 0.20 | 0.05 | 0.025 | 0.020* | 0.03 | 0.53 |
| | | S460NLH | 0.2 | 1.00-1.70 | 0.030 | 0.025 | 0.60 | 0.70 | 0.30 | 0.80 | 0.20 | 0.05 | 0.025 | 0.020* | 0.03 | 0.53 |
| | | S275MH | 0.13 | 1.50 | 0.035 | 0.030 | 0.50 | - | - | 0.30 | 0.08 | 0.05 | 0.02 | 0.020* | 0.05 | 0.34 |
| | | S275MLH | 0.13 | 1.50 | 0.030 | 0.025 | 0.50 | - | - | 0.30 | 0.08 | 0.05 | 0.02 | 0.020* | 0.05 | 0.34 |
| | | S355MH | 0.14 | 1.50 | 0.035 | 0.030 | 0.50 | - | - | 0.30 | 0.10 | 0.05 | 0.02 | 0.020* | 0.05 | 0.39 |
| | | S355MLH | 0.14 | 1.50 | 0.030 | 0.025 | 0.50 | - | - | 0.30 | 0.10 | 0.05 | 0.02 | 0.020* | 0.05 | 0.39 |
| EN | | S420MH | 0.16 | 1.70 | 0.035 | 0.030 | 0.50 | - | - | 0.50 | 0.12 | 0.05 | 0.02 | 0.020* | 0.05 | 0.43 |
| | | S420MLH | 0.16 | 1.70 | 0.030 | 0.025 | 0.50 | - | - | 0.50 | 0.12 | 0.05 | 0.02 | 0.020* | 0.05 | 0.43 |
| | | S460MH | 0.16 | 1.70 | 0.035 | 0.030 | 0.60 | - | - | 0.80 | 0.12 | 0.05 | 0.025 | 0.020* | 0.05 | 0.46 |
| | | S460MLH | 0.16 | 1.70 | 0.030 | 0.025 | 0.60 | - | - | 0.80 | 0.12 | 0.05 | 0.025 | 0.020* | 0.05 | 0.46 |

| Specification | Size | Grade /Series | Dimension | | Mechanical Properties | | | Flattening Test | | BT | Drift | Pressure Mpa | Weight |
|---------------|--|---------------|--|--------------------------------|-----------------------|-----------|------------------|---------------------|-------------|-------|-------|---|---------------------------------------|
| | | | OD | Thick | Yst Mpa | Ts Mpa | EL% | weld | Body | | | | |
| ASTM A53 | ½"- 20" | A | "upto 1½" ± 0.4 mm, upto 1½" ± 1%" | + NL / - 12.5% | 205 | 330 | AS Per ASTM | 33%(0°) 33%(90°) | 66% (90) | < 2"R | R | R | ±10% |
| | | 240 | | | 415 | | | | | | | | |
| ASTM A795 | ½"- 10" | A | "upto 1½" ± 0.4 mm, upto 1½" ± 1%" | + NL / - 12.5% | NA | NA | NA | 33%(0°) | 66% (90) | NA | NA | R | ±5% |
| ASTM A500 | ½"- 20" (CHS) | A | 1½" & small ± 0.5% 2" & above ± 0.75% | ±10% | 228 | 310 | 33%(90°) | 50% (90) | NA | NA | NA | NA | ±10% |
| | | 290 | | | 400 | | | | | | | | |
| | | 317 | | | 427 | | | | | | | | |
| | | 250 | | | 400 | | | | | | | | |
| ASTM A500 | 19X19- 400X400 40X20-400X300 (SHS / RHS) | A | up to 2½" ± 0.51 mm over 2 2½" ± 0.64 mm Over 3" & above ± 0.76mm | ±10% | 269 | 310 | - | - | NA | NA | NA | ±10% | |
| | | 317 | | | 400 | | | | | | | | |
| | | 345 | | | 427 | | | | | | | | |
| | | 250 | | | 400 | | | | | | | | |
| ASTM A252 | 6"- 20" | Gr.1 | ± 1% | + NL / - 12.5% | 205 | 245 | AS Per table2 | - | - | - | - | NA | +15% - 5% individual lengths |
| | | Gr.2 | | | 240 | 415 | | | | | | | |
| | | Gr.3 | | | 310 | 455 | | | | | | | |
| EN 10219 | ½"-20" | S235JRH | ± 1% | T< 5mm ±10% , T< 5mm ±0.5mm | 235 | 360-510 | NA | NA | NA | NA | NA | ± 6% mass on individual length | |
| | | S275JOH | | | 275 | 410-560 | | | | | | | |
| | | S275J2H | | | 275 | 410-560 | | | | | | | |
| | | S355JOH | | | 355 | 470-630 | | | | | | | |
| | | S355J2H | | | 355 | 470-630 | | | | | | | |
| | | S355K2H | | | 355 | 470-630 | | | | | | | |
| | | S275NH / NLH | | | 275 | 370-510 | | | | | | | |
| | | S355NH / NLH | | | 355 | 470-630 | | | | | | | |
| | | S460NH / NLH | | | 460 | 540-720 | | | | | | | |
| | | S275MH / MLH | | | 275 | 360-510 | | | | | | | |
| | | S355MH / MLH | | | 355 | 450-610 | | | | | | | |
| | | S420MH / MLH | | | 420 | 500-660 | | | | | | | |
| | | S460MH / MLH | | | 460 | 530-720 | | | | | | | |



DIMENSIONS & WEIGHTS (MASS)

ASTM A53/ A795/A135/A513 /A500/B36.10

| NPS | OD | SCH NO. | Weight Class | WT | | Weight | | Pressure psi | | | | | |
|----------------|-----------------|---------|--------------|------------|-----------------|--------|--------|--------------|------|------|------|------|------|
| | | | | Inch | (mm) | Lb/ft | (Kg/m) | Gr.A | Gr.B | | | | |
| 1/2" (15) | 0.840 (21.3) | 5 | STD | 0.065 | 1.65 | 0.54 | 0.80 | 700 | 700 | | | | |
| | | 10 | | 0.083 | 2.11 | 0.67 | 1.00 | 700 | 700 | | | | |
| | | 30 | | 0.095 | 2.41 | 0.76 | 1.12 | 700 | 700 | | | | |
| | | 40 | | 0.109 | 2.77 | 0.85 | 1.27 | 700 | 700 | | | | |
| 3/4" (20) | 1.050 (26.7) | 5 | STD | 0.065 | 1.65 | 0.69 | 1.03 | 700 | 700 | | | | |
| | | 10 | | 0.083 | 2.11 | 0.86 | 1.28 | 700 | 700 | | | | |
| | | 30 | | 0.095 | 2.41 | 0.97 | 1.44 | 700 | 700 | | | | |
| | | 40 | | 0.113 | 2.87 | 1.13 | 1.69 | 700 | 700 | | | | |
| 1" (25) | 1.315 (33.4) | 5 | STD | 0.065 | 1.65 | 0.87 | 1.29 | 700 | 700 | | | | |
| | | 10 | | 0.109 | 2.77 | 0.87 | 2.09 | 700 | 700 | | | | |
| | | 30 | | 0.114 | 2.90 | 1.41 | 2.18 | 700 | 700 | | | | |
| | | 40 | | 0.133 | 3.38 | 1.46 | 2.50 | 700 | 700 | | | | |
| 1 1/4" (32) | 1.660 (42.2) | 5 | STD | 0.07 | 1.65 | 1.11 | 1.65 | 700 | 700 | | | | |
| | | 10 | | 0.11 | 2.77 | 1.81 | 2.69 | 1000 | 1000 | | | | |
| | | 30 | | 0.12 | 2.97 | 1.93 | 2.87 | 1000 | 1000 | | | | |
| | | 40 | | 0.14 | 3.56 | 2.27 | 3.39 | 1200 | 1300 | | | | |
| 1 1/2" (40) | 1.900 (48.3) | 5 | STD | 0.065 | 1.65 | 1.28 | 1.90 | 700 | 700 | | | | |
| | | 10 | | 0.109 | 2.77 | 2.09 | 3.11 | 1000 | 1000 | | | | |
| | | 30 | | 0.125 | 3.18 | 2.37 | 3.53 | 1000 | 1000 | | | | |
| | | 40 | | 0.145 | 3.68 | 2.72 | 4.05 | 1200 | 1300 | | | | |
| 2" (50) | 2.375 (60.3) | 5 | STD | 0.065 | 1.65 | 1.61 | 2.39 | 700 | 700 | | | | |
| | | 10 | | 0.083 | 2.11 | 2.03 | 3.03 | 700 | 700 | | | | |
| | | 30 | | 0.109 | 2.77 | 2.64 | 3.93 | 1000 | 1000 | | | | |
| | | 40 | | 0.125 | 3.18 | 3.01 | 4.48 | 1000 | 1000 | | | | |
| | | 40 | | 0.141 | 3.58 | 3.37 | 5.01 | 1000 | 1000 | | | | |
| 2 1/2" (65) | 2.875 (73) | 10 | STD | 0.109 | 2.77 | 3.22 | 4.80 | 1000 | 1000 | | | | |
| | | | | 0.120 | 3.05 | 3.53 | 5.26 | 1000 | 1000 | | | | |
| | | | | 0.125 | 3.18 | 3.67 | 5.48 | 1000 | 1000 | | | | |
| | | | | 0.141 | 3.58 | 4.12 | 6.13 | 1000 | 1000 | | | | |
| | | | | 0.156 | 3.96 | 4.53 | 6.74 | 1000 | 1000 | | | | |
| | | 30 | | 0.172 | 4.37 | 4.97 | 7.40 | 1000 | 1000 | | | | |
| | | | | 0.188 | 4.78 | 5.40 | 8.04 | 1000 | 1000 | | | | |
| | | | | 0.203 | 5.16 | 5.80 | 8.63 | 2500 | 2500 | | | | |
| | | | | 3" (80) | 3.500 (88.9) | 10 | STD | 0.109 | 2.77 | 3.95 | 5.88 | 1000 | 1000 |
| | | | | | | | | 0.120 | 3.05 | 4.34 | 6.46 | 1000 | 1000 |
| 0.125 | 3.18 | 4.51 | 6.72 | | | | | 1290 | 1500 | | | | |
| 0.141 | 3.58 | 5.06 | 7.53 | | | | | 1290 | 1500 | | | | |
| 0.156 | 3.96 | 5.58 | 8.30 | | | | | 1600 | 1870 | | | | |
| 30 | 0.172 | 4.37 | 6.12 | | | 9.11 | | 1840 | 2050 | | | | |
| | 0.188 | 4.78 | 6.66 | | | 9.92 | | 1930 | 2260 | | | | |
| | 0.216 | 5.49 | 7.58 | | | 11.29 | | 2220 | 2500 | | | | |

| NPS | OD | SCH NO. | Weight Class | WT | | Weight | | Pressure psi | |
|----------------|------------------|------------------|--------------|-------------|------------------|--------|--------|--------------|------|
| | | | | Inch | (mm) | Lb/ft | (Kg/m) | Gr.A | Gr.B |
| 3 1/2" (90) | 4.000 (101.6) | 10 | STD | 0.120 | 3.05 | 4.98 | 5.26 | 1122 | 1259 |
| | | | | 0.125 | 3.18 | 5.18 | 5.48 | 1169 | 1311 |
| | | | | 0.141 | 3.58 | 5.82 | 6.13 | 1319 | 1479 |
| | | | | 0.156 | 3.96 | 6.41 | 6.74 | 1459 | 1637 |
| | | | | 0.172 | 4.37 | 7.04 | 7.40 | 1609 | 1804 |
| | | | | 0.188 | 4.78 | 7.66 | 8.04 | 1758 | 1972 |
| 4" (100) | 4.500 (114.3) | 10 | STD | 0.12 | 3.05 | 5.62 | 8.37 | 998 | 1120 |
| | | | | 0.125 | 3.18 | 5.85 | 8.71 | 1039 | 1170 |
| | | | | 0.141 | 3.58 | 6.57 | 9.78 | 1172 | 1320 |
| | | | | 0.156 | 3.96 | 7.24 | 10.78 | 1297 | 1460 |
| | | | | 0.172 | 4.37 | 7.96 | 11.85 | 1430 | 1600 |
| | | 30 | | 0.188 | 4.78 | 8.67 | 12.91 | 1563 | 1750 |
| | | | | 0.203 | 5.16 | 9.32 | 13.89 | 1688 | 1890 |
| | | | | 0.219 | 5.56 | 10.02 | 14.91 | 1821 | 2040 |
| | | | | 0.237 | 6.02 | 10.8 | 16.08 | 1970 | 2210 |
| | | | | 5" (125) | 5.563 (141.3) | 10 | STD | 0.134 | 3.40 |
| 0.156 | 3.96 | 9.02 | 13.41 | | | | | 1049 | 1180 |
| 0.188 | 4.78 | 10.8 | 16.09 | | | | | 1264 | 1420 |
| 40 | 0.219 | 5.56 | 12.51 | | | 18.61 | | 1473 | 1650 |
| | 0.258 | 6.55 | 14.63 | | | 21.77 | | 1735 | 1950 |
| | 6" (150) | 6.625 (168.3) | 40 | | | STD | | 0.140 | 3.56 |
| 0.156 | | | | 3.96 | 10.79 | | 16.05 | 881 | 988 |
| 0.172 | | | | 4.37 | 11.87 | | 17.67 | 971 | 1089 |
| 0.188 | | | | 4.78 | 12.94 | | 19.28 | 1061 | 1191 |
| 0.203 | | | | 5.16 | 13.94 | | 20.76 | 1146 | 1286 |
| 0.219 | | | | 5.56 | 15.00 | | 22.31 | 1236 | 1387 |
| 0.250 | | | | 6.35 | 17.04 | | 25.36 | 1411 | 1583 |
| 0.280 | | | | 7.11 | 18.99 | | 28.26 | 1581 | 1773 |

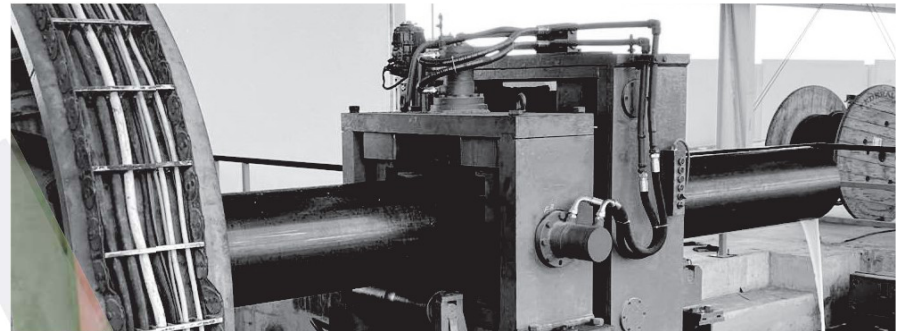


DIMENSIONS & WEIGHTS (MASS)

ASTM A53/ A795/A135/A513 /A500/B36.10

| NPS | OD | SCH NO. | Weight Class | WT | | Weight | | Pressure psi | | | | | |
|--------------|------------------|---------|--------------|--------------|-------------------|--------|--------|--------------|------|-------|-------|-----|-----|
| | | | | Inch | (mm) | Lb/ft | (Kg/m) | Gr.A | Gr.B | | | | |
| 8" (200) | 8.625 (219.1) | 20 | STD | 0.156 | 3.96 | 14.12 | 21.01 | 680 | 759 | | | | |
| | | | | 0.188 | 4.78 | 16.96 | 26.26 | 819 | 915 | | | | |
| | | | | 0.203 | 5.16 | 18.28 | 27.22 | 885 | 988 | | | | |
| | | | | 0.219 | 5.56 | 19.68 | 29.28 | 954 | 1065 | | | | |
| | | | | 0.250 | 6.35 | 22.38 | 33.32 | 1089 | 1216 | | | | |
| | | | | 0.277 | 7.04 | 24.72 | 36.82 | 1207 | 1347 | | | | |
| | | | | 0.312 | 7.92 | 27.73 | 41.25 | 1360 | 1518 | | | | |
| | | | | 0.322 | 8.18 | 28.58 | 42.55 | 1403 | 1566 | | | | |
| | | | | 0.344 | 8.74 | 30.45 | 45.34 | 1499 | 1673 | | | | |
| | | | | 0.375 | 9.53 | 33.07 | 49.25 | 1634 | 1824 | | | | |
| | | | | 0.406 | 10.31 | 35.67 | 53.09 | 1769 | 1975 | | | | |
| | | | | 0.438 | 11.13 | 38.33 | 57.08 | 1909 | 2131 | | | | |
| | | | | 0.500 | 12.70 | 43.43 | 64.64 | 2179 | 2432 | | | | |
| 10" (250) | 10.750 (273) | 20 | STD | 0.203 | 5.16 | 22.89 | 34.08 | 710 | 793 | | | | |
| | | | | 0.219 | 5.56 | 24.65 | 36.67 | 766 | 855 | | | | |
| | | | | 0.250 | 6.35 | 28.06 | 41.76 | 874 | 976 | | | | |
| | | | | 0.279 | 7.09 | 31.2 | 46.49 | 976 | 1089 | | | | |
| | | | | 0.307 | 7.80 | 34.27 | 51.01 | 1074 | 1199 | | | | |
| | | | | 0.344 | 8.74 | 38.27 | 56.96 | 1203 | 1343 | | | | |
| | | | | 0.365 | 9.27 | 40.52 | 60.29 | 1277 | 1425 | | | | |
| | | | | 0.438 | 11.13 | 48.28 | 71.88 | 1532 | 1710 | | | | |
| | | | | 0.500 | 12.70 | 54.79 | 81.53 | 1749 | 1952 | | | | |
| | | | | 12" (300) | 12.750 (323.8) | 20 | STD | 0.203 | 5.16 | 27.23 | 40.55 | 599 | 668 |
| 0.219 | 5.56 | 29.34 | 43.64 | | | | | 646 | 721 | | | | |
| 0.250 | 6.35 | 33.41 | 49.71 | | | | | 737 | 823 | | | | |
| 0.281 | 7.14 | 37.46 | 55.76 | | | | | 829 | 925 | | | | |
| 0.312 | 7.92 | 41.48 | 61.70 | | | | | 920 | 1027 | | | | |
| 0.330 | 8.38 | 43.81 | 65.19 | | | | | 973 | 1086 | | | | |
| 30 | XS | STD | 0.344 | | | 8.74 | 45.62 | 67.91 | 1014 | 1132 | | | |
| | | | 0.375 | | | 9.53 | 49.61 | 73.86 | 1106 | 1234 | | | |
| | | | 0.406 | | | 10.31 | 53.57 | 79.71 | 1197 | 1336 | | | |
| | | | 0.438 | | | 11.13 | 57.65 | 85.82 | 1292 | 1442 | | | |
| | | | 0.500 | | | 12.70 | 64.48 | 97.44 | 1474 | 1646 | | | |
| | | | 40 | | | XS | STD | 0.210 | 5.33 | 30.96 | 46.04 | 564 | 629 |
| | | | | | | | | 0.219 | 5.56 | 32.26 | 47.99 | 588 | 656 |
| 0.250 | 6.35 | 36.75 | | 54.69 | 671 | | | 749 | | | | | |
| 0.281 | 7.14 | 41.21 | | 61.35 | 754 | | | 842 | | | | | |
| 0.312 | 7.92 | 45.65 | | 67.90 | 838 | | | 935 | | | | | |
| 0.344 | 8.74 | 50.223 | | 74.76 | 924 | | | 1031 | | | | | |
| 40 | XS | STD | 0.375 | 9.53 | 54.62 | 81.25 | 1007 | 1124 | | | | | |
| | | | 0.438 | 11.13 | 63.5 | 94.55 | 1176 | 1313 | | | | | |
| | | | 0.469 | 11.91 | 67.84 | 100.94 | 1259 | 1406 | | | | | |
| | | | 0.500 | 12.70 | 72.16 | 107.39 | 1343 | 1499 | | | | | |

| NPS | OD | SCH NO. | Weight Class | WT | | Weight | | Pressure psi | | | | |
|--------------|-------------------|---------|--------------|-------|-------|--------|--------|--------------|--------|--------|------|------|
| | | | | Inch | (mm) | Lb/ft | (Kg/m) | Gr.A | Gr.B | | | |
| 16" (400) | 16.000 (406.4) | 10 | STD | 0.250 | 6.35 | 42.09 | 62.64 | 587 | 656 | | | |
| | | | | 0.281 | 7.14 | 47.22 | 70.30 | 660 | 737 | | | |
| | | | | 0.312 | 7.92 | 52.32 | 77.83 | 733 | 818 | | | |
| | | | | 0.344 | 8.74 | 57.57 | 85.71 | 808 | 902 | | | |
| | | | | 0.375 | 9.53 | 62.64 | 93.17 | 881 | 983 | | | |
| | | 40 | XS | STD | 0.438 | 11.13 | 72.86 | 108.49 | 1029 | 1149 | | |
| | | | | | 0.469 | 11.91 | 77.87 | 115.86 | 1102 | 1230 | | |
| | | | | | 0.500 | 12.70 | 82.85 | 123.30 | 1175 | 1311 | | |
| | | | | | 10 | STD | 0.250 | 6.35 | 47.44 | 70.60 | 522 | 583 |
| | | | | | | | 0.281 | 7.14 | 53.23 | 79.24 | 587 | 655 |
| 0.312 | 7.92 | 58.99 | 87.75 | 652 | | | 727 | | | | | |
| 20 | XS | STD | 0.344 | 8.74 | 64.93 | 96.66 | 718 | 802 | | | | |
| | | | 0.375 | 9.53 | 70.65 | 105.10 | 783 | 874 | | | | |
| | | | 0.406 | 10.31 | 76.36 | 113.62 | 848 | 946 | | | | |
| | | | 0.438 | 11.13 | 82.23 | 122.43 | 915 | 1021 | | | | |
| | | | 0.469 | 11.91 | 87.89 | 130.78 | 979 | 1093 | | | | |
| | | | 0.500 | 12.70 | 93.54 | 139.20 | 1044 | 1166 | | | | |
| 18" (450) | 18.000 (457.2) | 10 | STD | 0.562 | 14.27 | 104.76 | 155.87 | 1173 | 1310 | | | |
| | | | | 20 | XS | 0.250 | 6.35 | 52.78 | 78.55 | 470 | 525 | |
| | | | | | | 0.281 | 7.14 | 59.23 | 88.19 | 528 | 590 | |
| | | | | | | 0.312 | 7.92 | 65.66 | 97.67 | 586 | 655 | |
| | | | | | | 0.344 | 8.74 | 72.28 | 107.60 | 647 | 722 | |
| | | | | | | 0.375 | 9.53 | 78.67 | 117.02 | 705 | 787 | |
| | | 0.406 | 10.31 | | | 84.04 | 126.53 | 763 | 852 | | | |
| | | 40 | XS | | | STD | 0.438 | 11.13 | 91.59 | 136.37 | 823 | 919 |
| | | | | | | | 0.469 | 11.91 | 97.92 | 145.70 | 881 | 984 |
| | | | | | | | 0.500 | 12.70 | 104.23 | 155.12 | 940 | 1049 |
| | | | | | | | 0.594 | 15.09 | 123.23 | 183.42 | 1117 | 1246 |



Certificate of Compliance
This certificate is issued for the following:
Steel Pipe for Automatic Fire Sprinkler Systems

| Product | Linking Country | Nominal Pipe Size, in. | Rated Working Pressure, psi | Rated Working Pressure, MPa | Certification Type |
|--------------------------|----------------------|------------------------|-----------------------------|-----------------------------|--------------------|
| 1039-1039-1039-1039-1039 | United Arab Emirates | 5.5 x 4.5 x 0.2 | 175 | 1200 | FM Approved |
| 1039-1039-1039-1039-1039 | United Arab Emirates | 5.5 x 4.5 x 0.2 x 3.45 | 180 | 2070 | FM Approved |
| 1039-1039-1039-1039-1039 | United Arab Emirates | 5 | 200 | 1379 | FM Approved |

Prepared for / Manufactured at: Ajman Steel Tubes and Pipes L.L.C., PO Box 107140, ICAD-1, Muscat, Abu Dhabi, United Arab Emirates

FM Approvals Class: 1039 - "Steel Pipe for Automatic Fire Sprinkler Systems"
Approved Identification: 10391039
Approval Granted: December 16, 2014

To verify the availability of the Approved product, please visit www.fmauthority.com

Steel Approved to deliver in satisfactory field performance, conforming to applicable codes, and also conformity to the construction as shown in the Approved Class, as unless otherwise stated.

D. B. Fuller
David B. Fuller
AEP, Manager - Fire Protection
FM Approvals
1171 Boston Post-Office Triangle
Norwood, MA 02062
USA

Certificate of Compliance
This certificate is issued for the following:
Steel Pipe for Automatic Fire Sprinkler Systems

| Product | Linking Country | Nominal Pipe Size, in. | Rated Working Pressure, psi | Rated Working Pressure, MPa | Certification Type |
|--------------------------|----------------------|------------------------|-----------------------------|-----------------------------|--------------------|
| 1039-1039-1039-1039-1039 | United Arab Emirates | 5.5 x 4.5 x 0.2 | 175 | 1200 | FM Approved |
| 1039-1039-1039-1039-1039 | United Arab Emirates | 5.5 x 4.5 x 0.2 x 3.45 | 180 | 2070 | FM Approved |
| 1039-1039-1039-1039-1039 | United Arab Emirates | 5 | 200 | 1379 | FM Approved |

Prepared for / Manufactured at: Ajman Steel Tubes and Pipes L.L.C., PO Box 107140, ICAD-1, Muscat, Abu Dhabi, United Arab Emirates

FM Approvals Class: 1039 - "Steel Pipe for Automatic Fire Sprinkler Systems"
Approved Identification: 10391039
Approval Granted: December 16, 2014

To verify the availability of the Approved product, please visit www.fmauthority.com

Steel Approved to deliver in satisfactory field performance, conforming to applicable codes, and also conformity to the construction as shown in the Approved Class, as unless otherwise stated.

D. B. Fuller
David B. Fuller
AEP, Manager - Fire Protection
FM Approvals
1171 Boston Post-Office Triangle
Norwood, MA 02062
USA

Certificate of Compliance
This certificate is issued for the following:
Steel Pipe for Automatic Fire Sprinkler Systems

| Product | Linking Country | Nominal Pipe Size, in. | Rated Working Pressure, psi | Rated Working Pressure, MPa | Certification Type |
|--------------------------|-----------------|--------------------------|-----------------------------|-----------------------------|--------------------|
| 1039-1039-1039-1039-1039 | UAE | 48.3 x 42.4 x 0.2 | 175 | 1200 | FM Approved |
| 1039-1039-1039-1039-1039 | UAE | 48.3 x 42.4 x 0.2 x 3.45 | 180 | 2070 | FM Approved |
| 1039-1039-1039-1039-1039 | UAE | 48.3 | 200 | 1379 | FM Approved |

Prepared for / Manufactured at: Ajman Steel Tubes and Pipes L.L.C., PO Box 107140, ICAD-1, Muscat, Abu Dhabi, United Arab Emirates

FM Approvals Class: 1039 - "Steel Pipe for Automatic Fire Sprinkler Systems"
Approved Identification: 10391039
Approval Granted: December 16, 2014

To verify the availability of the Approved product, please visit www.fmauthority.com

Steel Approved to deliver in satisfactory field performance, conforming to applicable codes, and also conformity to the construction as shown in the Approved Class, as unless otherwise stated.

D. B. Fuller
David B. Fuller
AEP, Manager - Fire Protection
FM Approvals
1171 Boston Post-Office Triangle
Norwood, MA 02062
USA

Certificate of Compliance
This certificate is issued for the following:
Steel Pipe for Automatic Fire Sprinkler Systems

| Product | Linking Country | Nominal Pipe Size, in. | Rated Working Pressure, psi | Rated Working Pressure, MPa | Certification Type |
|--------------------------|-----------------|--------------------------|-----------------------------|-----------------------------|--------------------|
| 1039-1039-1039-1039-1039 | UAE | 48.3 x 42.4 x 0.2 | 175 | 1200 | FM Approved |
| 1039-1039-1039-1039-1039 | UAE | 48.3 x 42.4 x 0.2 x 3.45 | 180 | 2070 | FM Approved |
| 1039-1039-1039-1039-1039 | UAE | 48.3 | 200 | 1379 | FM Approved |

Prepared for / Manufactured at: Ajman Steel Tubes and Pipes L.L.C., PO Box 107140, ICAD-1, Muscat, Abu Dhabi, United Arab Emirates

FM Approvals Class: 1039 - "Steel Pipe for Automatic Fire Sprinkler Systems"
Approved Identification: 10391039
Approval Granted: December 16, 2014

To verify the availability of the Approved product, please visit www.fmauthority.com

Steel Approved to deliver in satisfactory field performance, conforming to applicable codes, and also conformity to the construction as shown in the Approved Class, as unless otherwise stated.

D. B. Fuller
David B. Fuller
AEP, Manager - Fire Protection
FM Approvals
1171 Boston Post-Office Triangle
Norwood, MA 02062
USA

CERTIFICATE OF COMPLIANCE

Certificate Number EX16065
 Report Reference EX16065-2012-03-27
 Date 2020-October-08

Issued to: AJMAL STEEL TUBES & PIPES INDUSTRIES L L C
 Plot No 33 C2 & 34 C2
 Icad-1 - Mussafah
 Po Box 165361
 Abu Dhabi AE

This is to certify that representative samples of METALLIC SPRINKLER PIPE
 See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 852, UL Standard for Safety for Metallic Sprinkler Pipe for Fire Protection Service

Additional Information: See the UL Online Certifications Directory at <https://q.ulprospector.com> for additional information

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

Bradley

UL Solutions, Chicago, IL, USA

UL

UL Solutions and the certification mark are trademarks of UL (L1) or its affiliated companies. For information, please contact your local UL office. © 2020 UL Solutions



CERTIFICATE OF COMPLIANCE

Certificate Number EX16065
 Report Reference EX16065-2012-03-27
 Date 2020-October-08

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Products:
 Schedule 40 (black or galvanized) steel pipe in the 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 3-1/2", 4", 5", 6", 8", 10", 12", 14", 18", 18" and 20" in sizes as per ASTM A53/A53M, Grade A and B, Type E

Schedule 10 (black or galvanized) steel pipe in the 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 3-1/2", 4", 5", 6" and 8" in sizes as per ASTM A795/A795M, Grade A and B, Type E.

Schedule 10 (black or galvanized) steel pipe in the 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 3-1/2", 4", 5", 6" and 8" in sizes as per ASTM A135/A135M, Grade A and B, Type E.

All pipes with threaded ends shall conform to ANSI B1.20.1.

Bradley

UL Solutions, Chicago, IL, USA

UL

UL Solutions and the certification mark are trademarks of UL (L1) or its affiliated companies. For information, please contact your local UL office. © 2020 UL Solutions

