

22 05 Common Work Results for Plumbing

22 05 23 – General-Duty Valves for Plumbing Piping

| 22 05 23.20 Valves, Bronze | | Daily Crew | Output | Labor-Hours | Unit | Material | 2022 Bare Costs | | Total | Total Incl O&P |
|----------------------------|--|------------|--------|-------------|------|----------|-----------------|-----------|----------|----------------|
| | | | | | | | Labor | Equipment | | |
| 4850 | Globe, class 150, rising stem, threaded | | | | | | | | | |
| 4920 | 1/4" | 1 Plum | 24 | .333 | Ea. | 144 | 23.50 | | 167.50 | 194 |
| 4940 | 3/8" | | 24 | .333 | | 142 | 23.50 | | 165.50 | 191 |
| 4950 | 1/2" | | 24 | .333 | | 142 | 23.50 | | 165.50 | 191 |
| 4960 | 3/4" | | 20 | .400 | | 190 | 28 | | 218 | 250 |
| 4970 | 1" | | 19 | .421 | | 298 | 29.50 | | 327.50 | 375 |
| 4980 | 1-1/4" | | 15 | .533 | | 400 | 37 | | 437 | 495 |
| 4990 | 1-1/2" | | 13 | .615 | | 575 | 43 | | 618 | 695 |
| 5000 | 2" | | 11 | .727 | | 865 | 51 | | 916 | 1,025 |
| 5010 | 2-1/2" | Q-1 | 15 | 1.067 | | 1,725 | 67 | | 1,792 | 2,000 |
| 5020 | 3" | " | 13 | 1.231 | | 2,475 | 77.50 | | 2,552.50 | 2,850 |
| 5120 | For 300 lb. threaded, add | | | | | 50% | 15% | | | |
| 5600 | Relief, pressure & temperature, self-closing, ASME, threaded | | | | | | | | | |
| 5640 | 3/4" | 1 Plum | 28 | .286 | Ea. | 280 | 19.95 | | 299.95 | 340 |
| 5650 | 1" | | 24 | .333 | | 450 | 23.50 | | 473.50 | 530 |
| 5660 | 1-1/4" | | 20 | .400 | | 900 | 28 | | 928 | 1,025 |
| 5670 | 1-1/2" | | 18 | .444 | | 1,725 | 31 | | 1,756 | 1,950 |
| 5680 | 2" | | 16 | .500 | | 1,875 | 35 | | 1,910 | 2,125 |
| 5950 | Pressure, poppet type, threaded | | | | | | | | | |
| 6000 | 1/2" | 1 Plum | 30 | .267 | Ea. | 100 | 18.60 | | 118.60 | 138 |
| 6040 | 3/4" | " | 28 | .286 | " | 111 | 19.95 | | 130.95 | 152 |
| 6400 | Pressure, water, ASME, threaded | | | | | | | | | |
| 6440 | 3/4" | 1 Plum | 28 | .286 | Ea. | 59.50 | 19.95 | | 79.45 | 95 |
| 6450 | 1" | | 24 | .333 | | 375 | 23.50 | | 398.50 | 445 |
| 6460 | 1-1/4" | | 20 | .400 | | 490 | 28 | | 518 | 580 |
| 6470 | 1-1/2" | | 18 | .444 | | 820 | 31 | | 851 | 950 |
| 6480 | 2" | | 16 | .500 | | 1,175 | 35 | | 1,210 | 1,350 |
| 6490 | 2-1/2" | | 15 | .533 | | 4,650 | 37 | | 4,687 | 5,175 |
| 6900 | Reducing, water pressure | | | | | | | | | |
| 6920 | 300 psi to 25-75 psi, threaded or sweat | | | | | | | | | |
| 6940 | 1/2" | 1 Plum | 24 | .333 | Ea. | 585 | 23.50 | | 608.50 | 680 |
| 6950 | 3/4" | | 20 | .400 | | 615 | 28 | | 643 | 720 |
| 6960 | 1" | | 19 | .421 | | 955 | 29.50 | | 984.50 | 1,100 |
| 6970 | 1-1/4" | | 15 | .533 | | 1,625 | 37 | | 1,662 | 1,825 |
| 6980 | 1-1/2" | | 13 | .615 | | 2,675 | 43 | | 2,718 | 3,025 |
| 8350 | Tempering, water, sweat connections | | | | | | | | | |
| 8400 | 1/2" | 1 Plum | 24 | .333 | Ea. | 159 | 23.50 | | 182.50 | 210 |
| 8440 | 3/4" | " | 20 | .400 | " | 184 | 28 | | 212 | 245 |
| 8650 | Threaded connections | | | | | | | | | |
| 8700 | 1/2" | 1 Plum | 24 | .333 | Ea. | 176 | 23.50 | | 199.50 | 228 |
| 8740 | 3/4" | | 20 | .400 | | 1,100 | 28 | | 1,128 | 1,275 |
| 8750 | 1" | | 19 | .421 | | 1,250 | 29.50 | | 1,279.50 | 1,425 |
| 8760 | 1-1/4" | | 15 | .533 | | 1,925 | 37 | | 1,962 | 2,175 |
| 8770 | 1-1/2" | | 13 | .615 | | 2,100 | 43 | | 2,143 | 2,400 |
| 8780 | 2" | | 11 | .727 | | 3,150 | 51 | | 3,201 | 3,550 |
| 8800 | Water heater water & gas safety shut off | | | | | | | | | |
| 8810 | Protection against a leaking water heater | | | | | | | | | |
| 8814 | Shut off valve | 1 Plum | 16 | .500 | Ea. | 196 | 35 | | 231 | 267 |
| 8818 | Water heater dam | | 32 | .250 | | 52.50 | 17.45 | | 69.95 | 84 |
| 8822 | Gas control wiring harness | | 32 | .250 | | 25.50 | 17.45 | | 42.95 | 54 |
| 8830 | Whole house flood safety shut off | | | | | | | | | |
| 8834 | Connections | | | | | | | | | |
| 8838 | 3/4" NPT | 1 Plum | 12 | .667 | Ea. | 1,050 | 46.50 | | 1,096.50 | 1,225 |