

21 05 Common Work Results for Fire Suppression

21 05 23 – General-Duty Valves for Water-Based Fire-Suppression Piping

21 05 23.50 General-Duty Valves

| | | Crew | Daily Output | Labor- Hours | Unit | Material | 2022 Bare Costs Labor | Equipment | Total | Total Incl O&P |
|------|---|------|-----------------|-----------------|------|----------|--------------------------|-----------|-------|-------------------|
| 0010 | GENERAL-DUTY VALVES , for water-based fire suppression | | | | | | | | | |
| 6200 | Valves and components | | | | | | | | | |
| 6500 | Check, swing, C.I. body, brass fittings, auto. ball drip | | | | | | | | | |
| 6520 | 4" size | Q-12 | 3 | 5.333 | Ea. | 475 | 330 | | 805 | 1,000 |
| 6800 | Check, wafer, butterfly type, C.I. body, bronze fittings | | | | | | | | | |
| 6820 | 4" size | Q-12 | 4 | 4 | Ea. | 1,975 | 247 | | 2,222 | 2,550 |

21 11 Facility Fire-Suppression Water-Service Piping

21 11 16 – Facility Fire Hydrants

21 11 16.50 Fire Hydrants for Buildings

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|------|--|------|------|-------|-----|-----|-----|--|-------|-------|
| 0010 | FIRE HYDRANTS FOR BUILDINGS | | | | | | | | | |
| 3750 | Hydrants, wall, w/caps, single, flush, polished brass | | | | | | | | | |
| 3800 | 2-1/2" x 2-1/2" | Q-12 | 5 | 3.200 | Ea. | 236 | 197 | | 433 | 555 |
| 3840 | 2-1/2" x 3" | " | 5 | 3.200 | " | 540 | 197 | | 737 | 890 |
| 3900 | For polished chrome, add | | | | ↓ | 20% | | | | |
| 3950 | Double, flush, polished brass | | | | | | | | | |
| 4000 | 2-1/2" x 2-1/2" x 4" | Q-12 | 5 | 3.200 | Ea. | 635 | 197 | | 832 | 995 |
| 4040 | 2-1/2" x 2-1/2" x 6" | " | 4.60 | 3.478 | " | 915 | 215 | | 1,130 | 1,325 |
| 4200 | For polished chrome, add | | | | ↓ | 10% | | | | |
| 4350 | Double, projecting, polished brass | | | | | | | | | |
| 4400 | 2-1/2" x 2-1/2" x 4" | Q-12 | 5 | 3.200 | Ea. | 282 | 197 | | 479 | 605 |
| 4450 | 2-1/2" x 2-1/2" x 6" | " | 4.60 | 3.478 | " | 785 | 215 | | 1,000 | 1,175 |
| 4460 | Valve control, dbl. flush/projecting hydrant, cap & | | | | | | | | | |
| 4470 | chain, extension rod & cplg., escutcheon, polished brass | Q-12 | 8 | 2 | Ea. | 335 | 123 | | 458 | 555 |

21 11 19 – Fire-Department Connections

21 11 19.50 Connections for the Fire-Department

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|------|--|------|------|-------|-----|-------|-----|--|-------|-------|
| 0010 | CONNECTIONS FOR THE FIRE-DEPARTMENT | | | | | | | | | |
| 0020 | For fire pro. cabinets, see Section 10 44 13.53 | | | | | | | | | |
| 7140 | Standpipe connections, wall, w/plugs & chains | | | | | | | | | |
| 7160 | Single, flush, brass, 2-1/2" x 2-1/2", Fire Dept Conn. | Q-12 | 5 | 3.200 | Ea. | 177 | 197 | | 374 | 490 |
| 7180 | 2-1/2" x 3" | " | 5 | 3.200 | " | 182 | 197 | | 379 | 495 |
| 7240 | For polished chrome, add | | | | | 15% | | | | |
| 7280 | Double, flush, polished brass | | | | | | | | | |
| 7300 | 2-1/2" x 2-1/2" x 4" | Q-12 | 5 | 3.200 | Ea. | 575 | 197 | | 772 | 925 |
| 7330 | 2-1/2" x 2-1/2" x 6" | " | 4.60 | 3.478 | " | 925 | 215 | | 1,140 | 1,350 |
| 7400 | For polished chrome, add | | | | | 15% | | | | |
| 7440 | For sill cock combination, add | | | | Ea. | 103 | | | 103 | 113 |
| 7900 | Three way, flush, polished brass | | | | | | | | | |
| 7920 | 2-1/2" (3) x 4" | Q-12 | 4.80 | 3.333 | Ea. | 1,475 | 206 | | 1,681 | 1,925 |
| 7930 | 2-1/2" (3) x 6" | " | 4.60 | 3.478 | " | 2,450 | 215 | | 2,665 | 3,025 |
| 8000 | For polished chrome, add | | | | ↓ | 9% | | | | |
| 8020 | Three way, projecting, polished brass | | | | | | | | | |
| 8040 | 2-1/2" (3) x 4" | Q-12 | 4.80 | 3.333 | Ea. | 1,475 | 206 | | 1,681 | 1,925 |