

FAC 1458 MECHANICAL SECURITY BARRICADE

FY24 SUC: \$9,091.72 / EA
Source: Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 1458 MECHANICAL SECURITY BARRICADE

SUC \$9,091.72

Release 2023 Qtr 4

UM EA

Zip Code Prefix 222

Design Life 15

Type MR

Average Size 1.0

Adjusted Occurences are the occurrences remaining after subtracting Repair/Replacement Overlaps. Overlap reduction removes a repair when it occurs the same year as a replacement.

| Description | Frequency | Qty Unit | Total In-House | Total Incl OP | Design Life/Frequency | Occurrences in Design Life | Adjusted Occurrences | Life Cost | Adjusted Cost |
|--|-----------|------------|----------------|---------------|-----------------------|----------------------------|----------------------|----------------|---------------|
| Replace steel decking | 30 | 48.00 S.F. | \$283.41 | \$329.30 | 0.5000 | 0 | 0 | \$0.00 | \$0.00 |
| Insp./chk. pump/mtr. oper., lub., chk. align. circulation pump, 1/2 HP | 1 | 2.00 Ea. | \$25.12 | \$31.44 | 15.0000 | 15 | 15 | \$471.66 | \$471.66 |
| Preventive maintenance oil filter | 1 | 2.00 Ea. | \$14.17 | \$17.04 | 15.0000 | 15 | 15 | \$255.53 | \$255.53 |
| Install new 2" gasket, 1 per M.L.F. natural gas, steel/iron | 30 | 4.00 Ea. | \$565.63 | \$700.38 | 0.5000 | 0 | 0 | \$0.00 | \$0.00 |
| Replace flanged steel pipe and fittings, 2" | 75 | 40.00 L.F. | \$3,024.66 | \$3,623.42 | 0.2000 | 0 | 0 | \$0.00 | \$0.00 |
| Repack drain valve gland, 3/4" valves | 3 | 1.00 Ea. | \$29.27 | \$35.02 | 5.0000 | 5 | 5 | \$175.12 | \$175.12 |
| Maintenance and inspection lighting panel, indoor | 3 | 1.00 Ea. | \$42.34 | \$53.05 | 5.0000 | 5 | 5 | \$265.26 | \$265.26 |
| Maintenance and inspection circuit breaker, enclosed, 240 V, 3 pole | 1 | 3.00 Ea. | \$102.38 | \$128.27 | 15.0000 | 15 | 15 | \$1,924.09 | \$1,924.09 |
| Maintenance and repair quartz fixture | 10 | 2.00 Ea. | \$115.67 | \$139.40 | 1.5000 | 1 | 1 | \$139.40 | \$139.40 |
| Check and repair manual pull station | 10 | 2.00 Ea. | \$179.77 | \$221.49 | 1.5000 | 1 | 1 | \$221.49 | \$221.49 |
| Replace manual pull station | 15 | 2.00 Ea. | \$417.52 | \$503.53 | 1.0000 | 1 | 1 | \$503.53 | \$503.53 |
| Maintenance and repair voice/data outlet | 10 | 2.00 Ea. | \$108.65 | \$135.68 | 1.5000 | 1 | 1 | \$135.68 | \$135.68 |
| Remove and replace vehicle lift hydraulic pump | 15 | 6.00 Ea. | \$26,576.39 | \$30,317.68 | 1.0000 | 1 | 1 | \$30,317.68 | \$30,317.68 |
| | | | \$31,484.97 | \$36,235.71 | | | | | |
| | | | | | | | | MR Subtotal | \$34,409.44 |
| | | | | | | | | MR Per Year | \$2,293.96 |
| | | | | | | | | PM Total | \$6,797.76 |
| | | | | | | | | Subtotal | \$9,091.72 |
| | | | | | | | | Total Per Unit | \$9,091.72 |

FAC 1458 MECHANICAL SECURITY BARRICADE SUC \$9,091.72

Release 2023 Qtr 4 UM EA
Zip Code Prefix 222 Design Life 15
Type PM Average Size 1.0

| Description | Qty | Labor Hours | Bare Mat | Bare Labor | Bare Equip | Bare Total | Total In-House | Total Incl OP |
|--|------|-------------|------------|------------|------------|------------|----------------|---------------|
| Panelboard, 225 A and above, annualized | 1.00 | 0.44 | \$22.00 | \$30.41 | \$0.00 | \$52.42 | \$63.74 | \$76.16 |
| Security, intrusion alarm system, annualized | 1.00 | 3.83 | \$149.07 | \$241.25 | \$0.00 | \$390.32 | \$477.61 | \$572.34 |
| Hydraulic lift, annualized | 7.00 | 10.82 | \$4,418.05 | \$391.68 | \$0.00 | \$4,809.74 | \$5,369.05 | \$6,149.26 |
| | | | | | | \$5,252.47 | \$5,910.39 | \$6,797.76 |

FAC 1458 MECHANICAL SECURITY BARRICADE

Modeled Component List

CostWorks Release 2023 Qtr 4

| | | |
|--|--|-----------|
| B10 Superstructure | | |
| Steel Decking | | 48.0 S.F. |
| D50 Electrical | | |
| Load Center, 100 A, maintenance & inspection | | 1.0 Ea. |
| Manual Pull Station | | 2.0 Ea. |
| E10 Equipment | | |
| Hydraulic Pump, Vehicle Lift | | 6.0 Ea. |
| Hydraulic Lift, annualized | | 7.0 Each |

FAC 1458 MECHANICAL SECURITY BARRICADE
Sustainment by Year
CostWorks Release 2023 Qtr 4

