

FAC 1458 MECHANICAL SECURITY BARRICADE

FY22 SUC:	\$9,112.42 / EA
Source:	Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 1458 MECHANICAL SECURITY BARRICADE

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM EA
Design Life 15
Average Size 1.0

SUC \$9,112.42

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.	\$352.77	\$408.06	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.	\$23.90	\$29.89	15.0000	15	15	\$448.31	\$448.31
Preventive maintenance oil filter	1	2.00 Ea.	\$12.38	\$14.95	15.0000	15	15	\$224.30	\$224.30
Install new 2" gasket, 1 per M.L.F. natural gas, steel/iron	30	4.00 Ea.	\$515.31	\$639.85	0.5000	0	0	\$0.00	\$0.00
Replace flanged steel pipe and fittings, 2"	75	40.00 L.F.	\$2,303.04	\$2,790.33	0.2000	0	0	\$0.00	\$0.00
Repack drain valve gland, 3/4" valves	3	1.00 Ea.	\$27.84	\$33.31	5.0000	5	5	\$166.55	\$166.55
Maintenance and inspection lighting panel, indoor	3	1.00 Ea.	\$40.64	\$50.92	5.0000	5	5	\$254.61	\$254.61
Maintenance and inspection circuit breaker, enclosed, 240 V, 3 pole	1	3.00 Ea.	\$97.17	\$121.73	15.0000	15	15	\$1,826.01	\$1,826.01
Maintenance and repair quartz fixture	10	2.00 Ea.	\$116.95	\$140.44	1.5000	1	1	\$140.44	\$140.44
Check and repair manual pull station	10	2.00 Ea.	\$175.39	\$215.66	1.5000	1	1	\$215.66	\$215.66
Replace manual pull station	15	2.00 Ea.	\$406.94	\$489.88	1.0000	1	1	\$489.88	\$489.88
Maintenance and repair voice/data outlet	10	2.00 Ea.	\$102.59	\$128.12	1.5000	1	1	\$128.12	\$128.12
Remove and replace vehicle lift hydraulic pump	15	6.00 Ea.	\$25,057.46	\$28,585.76	1.0000	1	1	\$28,585.76	\$28,585.76
			\$29,232.38	\$33,648.90					
								MR Subtotal	\$32,479.63
								MR Per Year	\$2,165.31
								PM Total	\$6,947.11
								Subtotal	\$9,112.42
								Total Per Unit	\$9,112.42

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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	\$23.20	\$29.01	\$0.00	\$52.21	\$63.23	\$75.41
Security, intrusion alarm system, annualized	1.00	3.83	\$162.90	\$226.88	\$0.00	\$389.78	\$474.14	\$566.64
Hydraulic lift, annualized	7.00	10.82	\$4,572.54	\$368.37	\$0.00	\$4,940.91	\$5,508.67	\$6,305.06
						\$5,382.90	\$6,046.04	\$6,947.11

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Modeled Component List

CostWorks Release 2021 Qtr 3

B10 Superstructure

Steel Decking	48.0 S.F.
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D50 Electrical

Load Center, 100 A, maintenance & inspection	1.0 Ea.
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Manual Pull Station	2.0 Ea.
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E10 Equipment

Hydraulic Pump, Vehicle Lift	6.0 Ea.
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Hydraulic Lift, annualized	7.0 Each
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Sustainment by Year
CostWorks Release 2021 Qtr 3

