

FAC 8431 WATER SOURCE, FIRE PROTECTION

FY22 SUC: \$0.39 GM

Source: Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 8431 WATER SOURCE, FIRE PROTECTION

SUC \$0.39

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM GM
Design Life 50
Average Size 962.0

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	
Maintenance and repair electrical service ground	25	1.00 M.L.F.	\$87.89	\$109.79	2.0000	2	2	\$219.57	\$219.57	
Replace electrical service ground	50	1.00 M.L.F.	\$3,767.30	\$4,634.72	1.0000	1	1	\$4,634.72	\$4,634.72	
Maintenance and inspection safety switch, 2 pole	1	1.00 Ea.	\$40.64	\$50.92	50.0000	50	50	\$2,546.07	\$2,546.07	
Replace safety switch, 240 V, 2 pole	25	1.00 Ea.	\$391.60	\$477.36	2.0000	2	2	\$954.72	\$954.72	
Maintenance and repair breaker, molded case, 480 V, 2 pole	20	1.00 Ea.	\$71.76	\$89.91	2.5000	2	2	\$179.82	\$179.82	
Replace circuit breaker molded case, 480 V, 2 pole circuit breaker	50	1.00 Ea.	\$1,261.27	\$1,454.68	1.0000	1	1	\$1,454.68	\$1,454.68	
			\$5,620.47	\$6,817.38				MR Subtotal	\$9,989.59	
									MR Per Year	\$199.79
									PM Total	\$179.03
									Subtotal	\$378.82
									Total Per Unit	\$0.39

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Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Vertical lift, over 1 H.P., annualized	1.00	1.46	\$52.92	\$70.55	\$0.00	\$123.47	\$149.93	\$179.03
						\$123.47	\$149.93	\$179.03

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Modeled Component List

CostWorks Release 2021 Qtr 3

D50 Electrical

Electrical Service Ground	1.0 M.L.F.
Safety Switch, General Duty, 240 V, 2 pole	1.0 Ea.

G30 Site Mechanical Utilities

Vertical Lift, annualized	1.0 Each
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Sustainment by Year
CostWorks Release 2021 Qtr 3

