

FAC 4121 BULK LIQUID STORAGE OTHER THAN FUEL

FY24 SUC:	\$0.11 / GA
Source:	Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 4121 BULK LIQUID STORAGE OTHER THAN FUEL

Release 2023 Qtr 4

Zip Code Prefix 222

Type MR

UM GA

Design Life 28

Average Size 35811.616537

SUC \$0.11

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 10' of buried 3" diam steel pipe/M.L.F. natural gas	12	16.00 Ea.	\$11,587.86	\$14,313.01	2.3333	2	2	\$28,626.02	\$28,626.02
Prep & paint 100k gal. ground level fuel storage tank, 24' dia x 30' tall	25	1.00 Ea.	\$37,756.81	\$45,151.72	1.1200	1	1	\$45,151.72	\$45,151.72
Repair metal stairs	15	32.00 S.F.	\$2,309.36	\$2,670.27	1.8667	1	1	\$2,670.27	\$2,670.27
Replace metal hand rail	30	2.00 L.F.	\$121.08	\$140.75	0.9333	0	0	\$0.00	\$0.00
Metal floor grating repairs - (2% of grating)	10	64.00 S.F.	\$2,122.05	\$2,557.32	2.8000	2	2	\$5,114.65	\$5,114.65
Preventive maintenance fuel level meter	5	1.00 Ea.	\$39.18	\$49.05	5.6000	5	5	\$245.23	\$245.23
Preventive maintenance oil filter	1	1.00 Ea.	\$7.09	\$8.52	28.0000	28	28	\$238.50	\$238.50
Replace oil filter housing	30	1.00 Ea.	\$70.87	\$85.18	0.9333	0	0	\$0.00	\$0.00
Install new 2" gasket, 1 per M.L.F. natural gas, steel/iron	30	4.00 Ea.	\$565.63	\$700.38	0.9333	0	0	\$0.00	\$0.00
			\$54,579.92	\$65,676.20					
							MR Subtotal	\$82,046.39	
							MR Per Year	\$2,930.23	
							PM Total	\$1,026.65	
							Subtotal	\$3,956.88	
							Total Per Unit	\$0.11	

FAC 4121 BULK LIQUID STORAGE OTHER THAN FUEL SUC \$0.11

Release 2023 Qtr 4 UM GA
Zip Code Prefix 222 Design Life 28
Type PM Average Size 35811.616537

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Fuel oil storage tank, above ground, annualized	1.00	3.28	\$23.44	\$169.84	\$0.00	\$193.29	\$246.58	\$301.05
Vertical lift, over 1 H.P., annualized	1.00	1.46	\$46.46	\$75.63	\$0.00	\$122.09	\$149.43	\$179.08
Water flow meter, turbine, annualized	1.00	0.59	\$18.72	\$30.42	\$0.00	\$49.14	\$60.14	\$72.08
Circuit breaker, high voltage air, annualized	1.00	0.47	\$13.83	\$32.48	\$0.00	\$46.31	\$57.43	\$69.25
Controls, central system, electro/pneumatic, annualized	1.00	1.92	\$169.00	\$121.21	\$0.00	\$290.21	\$343.47	\$405.19
						\$701.04	\$857.06	\$1,026.65

FAC 4121 BULK LIQUID STORAGE OTHER THAN FUEL

Modeled Component List

CostWorks Release 2023 Qtr 4

B10 Superstructure

Railing, Metal

2.0 L.F.

G30 Site Mechanical Utilities

Fuel Oil Storage Tank, annualized

1.0 Each

Vertical Lift, annualized

1.0 Each

Water Flow Meter, Turbine, annualized

1.0 Each

FAC 4121 BULK LIQUID STORAGE OTHER THAN FUEL
Sustainment by Year
CostWorks Release 2023 Qtr 4

