

FAC 8241 HEAT GAS DISTRIBUTION LINE

FY24 SUC:	\$0.51 / LF
Source:	Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 8241 HEAT GAS DISTRIBUTION LINE

SUC \$0.51

Release 2023 Qtr 4

UM LF

Zip Code Prefix 222

Design Life 36

Type MR

Average Size 7800.964306

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
Install new 2" gasket, 1 per M.L.F. natural gas, steel/iron	30	30.00 Ea.	\$4,242.22	\$5,252.88	1.2000	1	1	\$5,252.88	\$5,252.88
Check gas pressure natural gas, pressure reducing valve	5	18.00 Ea.	\$182.59	\$228.57	7.2000	7	7	\$1,600.01	\$1,600.01
Replace pressure regulator 2" diam. pipe natural gas	14	12.00 Ea.	\$11,889.30	\$13,664.85	2.5714	2	2	\$27,329.70	\$27,329.70
Replace 10' of buried 4" diam steel pipe/M.L.F. natural gas	12	10.00 Ea.	\$9,173.55	\$11,197.41	3.0000	3	3	\$33,592.23	\$33,592.23
Preventive maintenance fuel level meter	5	2.00 Ea.	\$78.36	\$98.09	7.2000	7	7	\$686.66	\$686.66
			\$25,566.02	\$30,441.81					
							MR Subtotal	\$68,461.47	
							MR Per Year	\$1,901.71	
							PM Total	\$2,067.15	
							Subtotal	\$3,968.86	
							Total Per Unit	\$0.51	

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Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Valve, pressure regular, above 4", annualized	12.00	4.31	\$71.04	\$230.21	\$0.00	\$301.25	\$377.42	\$457.14
Cathodic protection system, annualized	1.00	1.46	\$26.08	\$83.23	\$0.00	\$109.31	\$136.89	\$165.77
Controls, central system, electro/pneumatic, annualized	1.00	1.92	\$169.00	\$121.21	\$0.00	\$290.21	\$343.47	\$405.19
Oxygen monitor, annualized	1.00	5.00	\$490.82	\$265.96	\$0.00	\$756.78	\$885.65	\$1,039.06
						\$1,457.55	\$1,743.43	\$2,067.15

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Modeled Component List

CostWorks Release 2023 Qtr 4

G40 Site Electrical Utilities

Cathodic Protection, annualized

1.0 Each

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Sustainment by Year
CostWorks Release 2023 Qtr 4

