

FAC 8241 HEAT GAS DISTRIBUTION LINE

FY22 SUC: \$0.42 / LF

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

FAC 8241 HEAT GAS DISTRIBUTION LINE

Release 2021 Qtr 3

Zip Code Prefix 222

Type MR

UM LF

Design Life 36

Average Size 8604.0

SUC \$0.42

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
Install new 2" gasket, 1 per M.L.F. natural gas, steel/iron	30	32.00 Ea.	\$4,122.46	\$5,118.78	1.2000	1	1	\$5,118.78	\$5,118.78
Check gas pressure natural gas, pressure reducing valve	5	18.00 Ea.	\$174.02	\$217.63	7.2000	7	7	\$1,523.42	\$1,523.42
Replace pressure regulator 2" diam. pipe natural gas	14	12.00 Ea.	\$10,614.93	\$12,207.88	2.5714	2	2	\$24,415.76	\$24,415.76
Replace 10' of buried 4" diam steel pipe/M.L.F. natural gas	12	10.00 Ea.	\$9,306.38	\$11,307.84	3.0000	3	3	\$33,923.52	\$33,923.52
Preventive maintenance fuel level meter	5	2.00 Ea.	\$73.87	\$92.38	7.2000	7	7	\$646.65	\$646.65
			\$24,291.65	\$28,944.51					
							MR Subtotal		\$65,628.14
							MR Per Year		\$1,823.00
							PM Total		\$1,755.61
							Subtotal		\$3,578.61
							Total Per Unit		\$0.42

FAC 8241 HEAT GAS DISTRIBUTION LINE

SUC \$0.42

Release 2021 Qtr 3

UM LF

Zip Code Prefix 222

Design Life 36

Type PM

Average Size 8604.0

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	\$67.33	\$216.73	\$0.00	\$284.06	\$355.81	\$430.93
Cathodic protection system, annualized	1.00	1.46	\$19.33	\$79.05	\$0.00	\$98.38	\$124.03	\$150.64
Controls, central system, electro/pneumatic, annualized	1.00	1.92	\$70.77	\$115.41	\$0.00	\$186.18	\$227.88	\$273.12
Oxygen monitor, annualized	1.00	5.00	\$399.34	\$251.09	\$0.00	\$650.43	\$765.69	\$900.92
						\$1,219.05	\$1,473.41	\$1,755.61

FAC 8241 HEAT GAS DISTRIBUTION LINE

Modeled Component List

CostWorks Release 2021 Qtr 3

G40 Site Electrical Utilities

Cathodic Protection, annualized

1.0 Each

FAC 8241 HEAT GAS DISTRIBUTION LINE
Sustainment by Year
CostWorks Release 2021 Qtr 3

