

FAC 8930 INSTALLATION GAS DISTRIBUTION LINE

FY22 SUC: \$0.11 / LF

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

FAC 8930 INSTALLATION GAS DISTRIBUTION LINE SUC \$0.11

Release 2021 Qtr 3 UM LF
Zip Code Prefix 222 Design Life 36
Type MR Average Size 3502.0

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
Replace pressure regulator 2" diam. pipe natural gas	14	1.00 Ea.	\$884.58	\$1,017.32	2.5714	2	2	\$2,034.65	\$2,034.65
Check gas pressure natural gas, pressure reducing valve	5	1.00 Ea.	\$9.67	\$12.09	7.2000	7	7	\$84.63	\$84.63
Install new 4" gasket, 1 per M.L.F. natural gas, steel/iron	30	1.00 Ea.	\$210.95	\$261.69	1.2000	1	1	\$261.69	\$261.69
Replace 10' of buried 6" diam steel pipe/M.L.F. natural gas	12	1.00 Ea.	\$1,192.54	\$1,437.99	3.0000	3	3	\$4,313.98	\$4,313.98
			\$2,297.74	\$2,729.09				MR Subtotal	\$6,694.95
								MR Per Year	\$185.97
								PM Total	\$186.55
								Subtotal	\$372.52
								Total Per Unit	\$0.11

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UM LF

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Design Life 36

Type PM

Average Size 3502.0

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Valve, pressure regular, above 4", annualized	1.00	0.36	\$5.61	\$18.06	\$0.00	\$23.67	\$29.65	\$35.91
Cathodic protection system, annualized	1.00	1.46	\$19.33	\$79.05	\$0.00	\$98.38	\$124.03	\$150.64
						\$122.05	\$153.68	\$186.55

FAC 8930 INSTALLATION GAS DISTRIBUTION LINE
Modeled Component List
CostWorks Release 2021 Qtr 3

G40 Site Electrical Utilities	
Cathodic Protection, annualized	1.0 Each

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Sustainment by Year
CostWorks Release 2021 Qtr 3

