

23 13 Facility Fuel-Storage Tanks

23 13 13 – Facility Underground Fuel-Oil, Storage Tanks

23 13 13.09 Single-Wall Steel Fuel-Oil Tanks		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
5540	5,000 gallon capacity, 1/4" thick shell	Q-7	3.20	10	Ea.	15,000	670		15,670	17,500
5580	15,000 gallon capacity, 5/16" thick shell		1.70	18.824		12,600	1,250		13,850	15,800
5600	20,000 gallon capacity, 5/16" thick shell		1.50	21.333		30,700	1,425		32,125	35,900
5610	25,000 gallon capacity, 3/8" thick shell		1.30	24.615		35,300	1,650		36,950	41,300
5620	30,000 gallon capacity, 3/8" thick shell		1.10	29.091		39,600	1,950		41,550	46,500
5630	40,000 gallon capacity, 3/8" thick shell		.90	35.556		51,500	2,375		53,875	60,000
5640	50,000 gallon capacity, 3/8" thick shell		.80	40		58,500	2,675		61,175	68,500

23 13 13.23 Glass-Fiber-Reinforced-Plastic, Fuel-Oil, Storage

0010	GLASS-FIBER-REINFORCED-PLASTIC, UNDERGROUND FUEL-OIL, STORAGE									
0210	Fiberglass, underground, single wall, UL listed, not including									
0220	manway or hold-down strap									
0240	2,000 gallon capacity	Q-7	4.57	7.002	Ea.	9,950	470		10,420	11,600
0245	3,000 gallon capacity		3.90	8.205		10,100	550		10,650	11,900
0250	4,000 gallon capacity		3.55	9.014		13,400	605		14,005	15,700
0255	5,000 gallon capacity		3.20	10		12,300	670		12,970	14,500
0260	6,000 gallon capacity		2.67	11.985		11,500	805		12,305	13,900
0280	10,000 gallon capacity		2	16		18,100	1,075		19,175	21,500
0284	15,000 gallon capacity		1.68	19.048		27,700	1,275		28,975	32,400
0290	20,000 gallon capacity		1.45	22.069		38,600	1,475		40,075	44,600
0500	For manway, fittings and hold-downs, add					20%	15%			
1020	Fiberglass, underground, double wall, UL listed									
1030	includes manways, not incl. hold-down straps									
1040	600 gallon capacity	Q-5	2.42	6.612	Ea.	10,600	420		11,020	12,200
1050	1,000 gallon capacity	"	2.25	7.111		14,500	450		14,950	16,700
1060	2,500 gallon capacity	Q-7	4.16	7.692		20,000	515		20,515	22,800
1070	3,000 gallon capacity		3.90	8.205		22,400	550		22,950	25,500
1080	4,000 gallon capacity		3.64	8.791		23,400	590		23,990	26,700
1090	6,000 gallon capacity		2.42	13.223		29,100	885		29,985	33,300
1100	8,000 gallon capacity		2.08	15.385		37,000	1,025		38,025	42,200
1110	10,000 gallon capacity		1.82	17.582		44,800	1,175		45,975	51,000
1120	12,000 gallon capacity		1.70	18.824		46,500	1,250		47,750	53,000
2210	Fiberglass, underground, single wall, UL listed, including									
2220	hold-down straps, no manways									
2240	2,000 gallon capacity	Q-7	3.55	9.014	Ea.	10,500	605		11,105	12,400
2250	4,000 gallon capacity		2.90	11.034		14,000	740		14,740	16,500
2260	6,000 gallon capacity		2	16		12,500	1,075		13,575	15,400
2280	10,000 gallon capacity		1.60	20		19,200	1,350		20,550	23,100
2284	15,000 gallon capacity		1.39	23.022		28,700	1,550		30,250	33,900
2290	20,000 gallon capacity		1.14	28.070		40,100	1,875		41,975	46,900
3020	Fiberglass, underground, double wall, UL listed									
3030	includes manways and hold-down straps									
3040	600 gallon capacity	Q-5	1.86	8.602	Ea.	11,100	545		11,645	13,000
3050	1,000 gallon capacity	"	1.70	9.412		15,000	595		15,595	17,400
3060	2,500 gallon capacity	Q-7	3.29	9.726		20,500	650		21,150	23,600
3070	3,000 gallon capacity	Q-7	3.13	10.224	Ea.	22,900	685		23,585	26,200
3080	4,000 gallon capacity		2.93	10.922		23,900	730		24,630	27,400
3090	6,000 gallon capacity		1.86	17.204		30,100	1,150		31,250	34,800
3100	8,000 gallon capacity		1.65	19.394		38,000	1,300		39,300	43,700
3110	10,000 gallon capacity		1.48	21.622		45,800	1,450		47,250	52,500
3120	12,000 gallon capacity		1.40	22.857		47,600	1,525		49,125	55,000