

FAC 2242 TANK-AUTOMOTIVE PRODUCTION FACILITY

FY24 SUC:	\$2.71 / SF
Source:	Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 2242 TANK-AUTOMOTIVE PRODUCTION FACILITY

SUC \$2.71

Release 2023 Qtr 4

UM SF

Zip Code Prefix 222

Design Life 55

Type MR

Average Size 1649.0

Adjusted Occurrences 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 unfinished concrete floor	75	14.40 C.S.F.	\$8,282.84	\$9,855.46	0.7333	0	0	\$0.00	\$0.00
Waterproof concrete block wall, 1st floor	10	30.00 C.S.F.	\$7,754.29	\$9,198.35	5.5000	5	5	\$45,991.73	\$45,991.73
Repair 12' x 12' steel roll-up door	10	1.00 Ea.	\$701.12	\$833.22	5.5000	5	5	\$4,166.12	\$4,166.12
Refinish 12' x 12' steel roll-up door	5	1.00 Ea.	\$230.37	\$280.95	11.0000	11	11	\$3,090.46	\$3,090.46
Replace 12' x 12' steel roll-up door	35	1.00 Ea.	\$2,804.46	\$3,332.89	1.5714	1	1	\$3,332.89	\$3,332.89
Total roof replacement fiberglass rigid, corrugated fiberglass panel roof	20	16.50 Sq.	\$18,506.78	\$21,843.49	2.7500	2	2	\$43,686.98	\$43,686.98
Repair solid core wood door, interior	11	2.00 Ea.	\$557.98	\$651.36	5.0000	5	5	\$3,256.82	\$3,256.82
Refinish 3'-0" x 7'-0" solid core wood door, interior	4	2.00 Ea.	\$88.03	\$108.48	13.7500	13	13	\$1,410.18	\$1,410.18
Replace flush valve diaphragm tankless water closet	10	2.00 Ea.	\$54.53	\$67.71	5.5000	5	5	\$338.56	\$338.56
Rebuild flush valve tankless water closet	20	2.00 Ea.	\$383.76	\$462.54	2.7500	2	2	\$925.08	\$925.08
Unplug clogged line tankless water closet	5	2.00 Ea.	\$459.86	\$575.66	11.0000	11	11	\$6,332.30	\$6,332.30
Replace flush valve diaphragm for a urinal	7	2.00 Ea.	\$54.53	\$67.71	7.8571	7	7	\$473.98	\$473.98
Rebuild flush valve for a urinal	20	2.00 Ea.	\$383.76	\$462.54	2.7500	2	2	\$925.08	\$925.08
Unplug line urinal	5	2.00 Ea.	\$305.28	\$382.16	11.0000	11	11	\$4,203.79	\$4,203.79
Replace washer in spud connection lavatory, vitreous china	7	2.00 Ea.	\$34.64	\$42.28	7.8571	7	7	\$295.97	\$295.97
Replace washer in faucet lavatory, vitreous china	2	2.00 Ea.	\$27.13	\$33.83	27.5000	27	27	\$913.53	\$913.53
Replace faucets lavatory, vitreous china	10	2.00 Ea.	\$390.94	\$470.24	5.5000	5	5	\$2,351.21	\$2,351.21
Clean out strainer and P trap lavatory, vitreous china	2	2.00 Ea.	\$73.64	\$92.18	27.5000	27	27	\$2,488.90	\$2,488.90
Inspect and clean shower head emergency shower station	3	1.00 Ea.	\$51.54	\$64.51	18.3333	18	18	\$1,161.24	\$1,161.24
Replace shower emergency shower station	25	1.00 Ea.	\$1,053.08	\$1,259.15	2.2000	2	2	\$2,518.30	\$2,518.30
Clean floor drain w/o bucket	4	2.00 Ea.	\$246.89	\$309.06	13.7500	13	13	\$4,017.82	\$4,017.82
Replace floor drain w/o bucket	40	2.00 Ea.	\$5,460.24	\$6,256.88	1.3750	1	1	\$6,256.88	\$6,256.88
Maintenance and repair rectifier, up to 600 V	2	1.00 Ea.	\$670.93	\$802.03	27.5000	27	25	\$21,654.82	\$20,050.76
Replace rectifier, up to 600 V	20	1.00 Ea.	\$1,191.35	\$1,374.64	2.7500	2	2	\$2,749.29	\$2,749.29
Maintenance and repair secondary transformer, dry	10	1.00 Ea.	\$254.10	\$303.63	5.5000	5	5	\$1,518.13	\$1,518.13
Replace transformer 15 KVA	30	1.00 Ea.	\$3,141.43	\$3,757.40	1.8333	1	1	\$3,757.40	\$3,757.40
Maintenance and inspection lighting panel, indoor	3	1.00 Ea.	\$42.34	\$53.05	18.3333	18	18	\$954.92	\$954.92
Maintenance and repair breaker, molded case, 480 V, 1 pole	20	6.00 Ea.	\$455.04	\$570.10	2.7500	2	2	\$1,140.20	\$1,140.20
Maintenance and repair breaker, molded case, 480 V, 2 pole	20	1.00 Ea.	\$75.84	\$95.02	2.7500	2	2	\$190.03	\$190.03
Maintenance and repair safety switch general, 2 pole	8	1.00 Ea.	\$42.34	\$53.05	6.8750	6	6	\$318.31	\$318.31

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost	
Replace metal halide ballast, 175 W	10	4.00 Ea.	\$667.55	\$799.06	5.5000	5	5	\$3,995.29	\$3,995.29	
Replace metal halide fixture lamp, 175 W	5	4.00 Ea.	\$228.39	\$277.97	11.0000	11	11	\$3,057.63	\$3,057.63	
Repair smoke detector	10	4.00 Ea.	\$232.04	\$287.33	5.5000	5	5	\$1,436.65	\$1,436.65	
Check operation smoke detector	1	4.00 Ea.	\$68.00	\$85.20	55.0000	55	55	\$4,685.92	\$4,685.92	
Repair heat detector	10	4.00 Ea.	\$250.41	\$308.21	5.5000	5	5	\$1,541.04	\$1,541.04	
Check operation heat detector	1	4.00 Ea.	\$68.00	\$85.20	55.0000	55	55	\$4,685.92	\$4,685.92	
Check and repair manual pull station	10	4.00 Ea.	\$359.53	\$442.99	5.5000	5	5	\$2,214.94	\$2,214.94	
Replace fire alarm bell, 6"	20	4.00 Ea.	\$722.42	\$879.09	2.7500	2	2	\$1,758.17	\$1,758.17	
Maintenance and repair building structure ground	7	1.00 M.L.F.	\$92.28	\$115.32	7.8571	7	7	\$807.25	\$807.25	
			\$56,467.73	\$66,939.95				MR Subtotal	\$192,999.67	
									MR Per Year	\$3,509.08
									PM Total	\$962.17
									Subtotal	\$4,471.25
									Total Per Unit	\$2.71

FAC 2242 TANK-AUTOMOTIVE PRODUCTION FACILITYSUC \$2.71

Release 2023 Qtr 4UM SF

Zip Code Prefix 222Design Life 55

Type PMAverage Size 1649.0

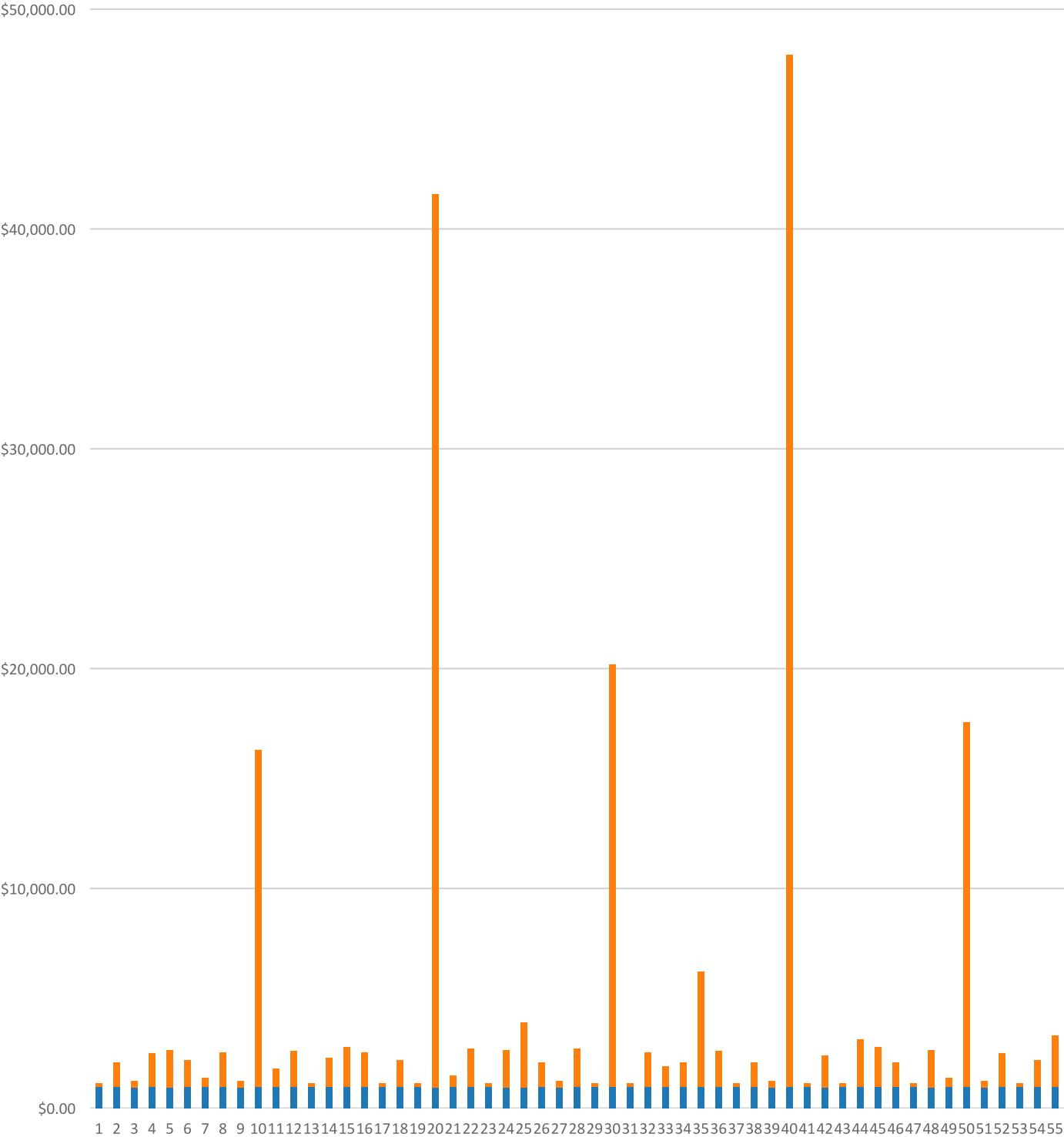
Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Urinals, annualized	2.00	0.46	\$13.26	\$24.33	\$0.00	\$37.59	\$46.21	\$55.50
Toilet (vacuum breaker type), annualized	2.00	0.35	\$17.71	\$18.92	\$0.00	\$36.63	\$44.08	\$52.41
Lavatories, annualized	2.00	0.70	\$15.58	\$43.60	\$0.00	\$59.18	\$73.82	\$89.24
Drink fountain, annualized	1.00	0.62	\$37.44	\$33.14	\$0.00	\$70.58	\$84.27	\$99.82
Fan, axial, up to 5,000 CFM, annualized	2.00	2.49	\$16.60	\$133.42	\$0.00	\$150.01	\$191.70	\$234.21
Crane, electric bridge, up to 5 ton, annualized	1.00	2.92	\$206.82	\$107.79	\$0.00	\$314.61	\$367.63	\$430.99
						\$668.61	\$807.70	\$962.17

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Modeled Component List CostWorks Release 2023 Qtr 4

B20 Exterior Enclosure	
Steel Single, Roll-Up	1.0 Ea.
B30 Roofing	
Fiberglass Rigid, Steep Roofing	16.5 Sq.
D20 Plumbing	
Emergency Shower Station	1.0 Ea.
Floor Drain W/O Bucket	2.0 Ea.
D50 Electrical	
Rectifier, Up To 600 V	1.0 Ea.
Secondary Transformer, Dry, 15 KVA	1.0 Ea.
Load Center, 100 A, maintenance & inspection	1.0 Ea.
Fire Alarm Bell	4.0 Ea.
E10 Equipment	
Crane, Electric, up to 5 ton, annualized	1.0 Each

FAC 2242 TANK-AUTOMOTIVE PRODUCTION FACILITY
Sustainment by Year
CostWorks Release 2023 Qtr 4



PM Cost
MR Cost