

CHEMICAL CHANGE FREQUENCY



	MULT-TASK QUATERNARY: 1/2 GALLON PER BUCKET	CURRENT QUATERNARY: 1 GALLON PER BUCKET
No. of Buckets/Refills per store per month	4 / 20	4
Changes/Buckets per day	NA	5
Changes per day	NA	20
Changes per month	20	608
Changes per year	360	7,296
Number of Stores	60	60
Changes per year, Total Stores	21,600	437,760
Labor Hours per year, Total Stores	1,800	36,480
Labor Dollars per year, Total Stores / \$12.00 hr.	\$21,600.00	\$437,760.00
Total Labor Savings	\$416,160.00	

Approximate time to refill bucket is 5 minutes which includes – Emptying the bucket, cleaning the bucket, adding new sanitizer, rinsing or changing the towel and testing the quat level.

Each bucket needs to be refilled 5 times per day. We based the calculation on 4 buckets.

4 buckets x 5 changes per day = 20 changes per day

20 changes per day x 5 minutes = 100 minutes per day

100 minutes per day / 60 minutes = 1.67 hours per day

1.67 hours per day x 30.4 days in an average month = 50.67 hours/store/mo.

Total labor savings for 60 stores per year = \$416,160