Semi Annual Operation Cost Report				
Sales Per Employee				
	Dec 2020	Jun 2021		
ABC Sample Heat Treat	88,889	85,366		
All Companies	90,691	139,494		
Mostly Batch	73,154	75,659		
Mostly Continuous	98,469	108,080		
Combination	93,872	103,398		



Semi Annual Operation Cost Report				
Total Labor As a % of Sales				
	Dec 2020	Jun 2021		
ABC Sample Heat Treat	40%	42%		
All Companies	33%	28%		
Mostly Batch	34	30		
Mostly Continuous	28	24		
Combination	30	29		
Your Rank is 10 out of 10				



Semi Annual Operation Cost Report					
General & Adminstrative Costs as a % of Sales					
Dec 2020 Jun 2021					
ABC Sample Heat Treat	12%	11%			
All Companies	22%	21%			
Mostly Batch	25	24			
Mostly Continuous	16	16			
Combination	23	20			
	Your Rank is 4 out of 10				



Semi Annual Operation Cost Report					
Cost of Energy as a % of Sales	Cost of Energy as a % of Sales				
Dec 2020 Jun 2021					
ABC Sample Heat Treat	15%	14%			
All Companies	10%	10%			
Mostly Batch	12	11			
Mostly Continuous	12	12			
Combination	9	8			
	Your Rank is 10 out of 10				



Semi Annual Operation Cost Report						
Maintenance Cost as a % of Sales						
Dec 2020 Jun 2021						
ABC Sample Heat Treat	5%	4%				
All Companies	8%	8%				
Mostly Batch	8	8				
Mostly Continuous	9	9				
Combination	8	9				
Your Rank is 3 out of 10						



Semi Annual Operation Cost Report						
Transportation as a % of Total Sales						
Dec 2020 Jun 2021						
ABC Sample Heat Treat	2%	2%				
All Companies	3%	3%				
Mostly Batch	4	4				
Mostly Continuous	4	3				
Combination 3 1						
Your Rank is 5 out of 10						



Semi Annual Operation Cost Report				
Average Sales Per Order				
	Dec 2020	Jun 2021		
ABC Sample Heat Treat	1,600	1,500		
All Companies	888	867		
Mostly Batch	507	554		
Mostly Continuous	832	697		
Combination	1,059	1,093		
	Your Rank is 2 out of 10			



Semi Annual Operation Cost Report						
Cost of Healthcare Benefits as a % of Sales	Cost of Healthcare Benefits as a % of Sales					
Dec 2020 Jun 2021						
ABC Sample Heat Treat	6%	6%				
All Companies	5%	6%				
Mostly Batch	7	6				
Mostly Continuous	3	4				
Combination 8						
Your Rank is 8 out of 10						



Semi Annual Operation Cost Report						
Total Workers Compensation Premiums as a % of Total Sales						
Dec 2020 Jun 2021						
2%	2%					
1%	1%					
1	1					
0	0					
0	0					
Your Rank is 10 out of 10						
	Dec 2020 2% 1% 1 0					



Semi Annual Operation Cost Report						
Net Profit Before Taxes as a % of Sales	Net Profit Before Taxes as a % of Sales					
Dec 2020 Jun 2021						
ABC Sample Heat Treat	10%	5%				
All Companies	1%	8%				
Mostly Batch	-9	8				
Mostly Continuous	10	6				
Combination	5	9				
	Your Rank is 5 out of 10					



Semi Annual Operation Cost Report				
Delivery Metric				
	Dec 2020	Jun 2021		
ABC Sample Heat Treat	99%	98%		
All Companies	90%	81%		
Mostly Batch	86	85		
Mostly Continuous	95	87		
Combination	85	81		
	Your Rank is 3 out of 10			



METAL TREATING INSTITUTE, Operation Cost Survey Results							
	ABC Sample Heat Treat	All Companies	Companies with Profit	Companies With Loss	Top 50% of Co's in Sales	Bottom 50% Co's in Sales	Companies Similar in Size
Number of Companies	1	36.00	28.00	8.00	18.00	18.00	9.00
Average Number of Employees	41.00	42.00	44.00	34.00	60.00	24.00	37.00
Total Labor as a % of Sales	42.00	27.99	25.72	35.91	26.88	29.10	28.13
G&A Costs as a % of Sales	11.00	20.86	20.02	23.79	19.99	21.73	18.69
Total Utilities as a % of Sales	14.00	9.98	9.51	11.62	8.40	11.56	9.33
Maintenance as a % of Sales	4.00	7.83	7.27	9.80	8.17	7.49	7.01
Transportation	2.00	2.63	1.95	4.75	1.43	4.06	2.54
Health care	6.00	5.75	5.35	7.15	4.76	6.74	4.69
Workers Compensation	2.00	0.67	0.73	0.60	0.43	0.92	0.53
Net Profit as a Percent of Sales Before Taxes	5.00	8.78	14.75	-12.11	14.41	3.16	8.63
Delivery Metric	98.00	78.86	87.91	41.13	86.59	71.61	61.95
Average \$ per Order	1,500.00	886.22	889.54	875.83	1,073.06	687.69	604.51
Sales Per Employee	85,366	149,738.68	173,228.81	67,523.23	210,075.91	89,401.44	108,397.34