

# Savings Analysis

Work Order Data			
Work Order ID	11344/1	11345/1	11425E/1
Starting Date	2-May	5/25/2023	7/28/2023
Completed Date	6/1/2023	7/27/2023	IP
Number of Days to Complete	30	63	-
Good Quantity	5897	7937	6236
Bad Quantity	1038	530	60
Total Quantity	6935	8467	6296
Desired Quantity	5148	7326	5148
Received Quantity	7142	8533	6298
Estimated Run Time (hr)	108.36	132.3	98.38
Adjusted Estimated Run Time (hr)	111.59	133.33	98.41
Actual Run Time (hr)	141.19	141.84	70.76

Calculation Constants	
Goal Rate (parts/hr)	64
Actual Rate (parts/hr)	89
Savings Goal (\$/part)	0.145
Labor Rate (\$)	20

Analysis			
Work Order ID	11344/1	11345/1	11425E/1
Total Parts Per Hr (parts/hr)	50	60	89
Good Parts Per Hr (parts/hr)	42	56	89
Hourly Goal Difference (parts/hr)	-22	-8	25
Estimated Labor (\$)	2167.2	2646	1967.6
Actual Labor (\$)	2823.8	2836.8	1415.2
Variance (\$)	-656.6	-190.8	552.4
Savings (\$/part)	-0.094679164	-0.02253	0.087738
<b>Savings (\$/good part)</b>	<b>-0.111344752</b>	<b>-0.02404</b>	<b>0.088582</b>

<b>Savings Calculator</b>	Enter Total Quantity of Work Order		Estimated Work Order Savings
			<b>\$ 552.4</b>
	6296 Pcs		Estimated Savings Per Part
			<b>\$ 0.089</b>