

Unnamed Project

Replications: 30 Time Units: Minutes

Key Performance Indicators

System

Average

Number Out

1,052

Values Across All Replications

Unnamed Project

Replications: 30 Time Units: Minutes

Entity

Time

VA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Crude	1.1460	0.01	1.0770	1.1955	0.6715	14.6625
NVA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Crude	0.00	0.00	0.00	0.00	0.00	0.00
Wait Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Crude	3.8213	0.32	2.3700	5.5804	0.00	44.4032
Transfer Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Crude	0.02204252	0.00	0.01926471	0.02504587	0.00	0.1500
Other Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Crude	1.1319	0.00	1.1202	1.1468	0.8900	3.6028
Total Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Crude	6.1213	0.32	4.5994	7.8943	1.5833	48.7103

Other

Number In	Average	Half Width	Minimum Average	Maximum Average		
Crude	1053.73	13.82	963.00	1140.00		
Number Out	Average	Half Width	Minimum Average	Maximum Average		
Crude	1051.57	13.61	963.00	1134.00		
WIP	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Crude	2.4478	0.15	1.6777	3.1966	0.00	24.0000

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Queue

Time

Waiting Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Blending with stream 1 of Product 1.Queue	0.01349522	0.01	0.00	0.05007605	0.00	1.4993
Blending with stream 1 of Product 2.Queue	0.02318782	0.01	0.00	0.1317	0.00	3.8337
Blending with stream 1 of Product 3.Queue	0.01693108	0.01	0.00	0.08165970	0.00	2.6400
Blending with stream 2 of Product 1.Queue	0.01222561	0.01	0.00	0.05172557	0.00	2.2387
Blending with stream 2 of Product 2.Queue	0.01989145	0.01	0.00	0.05927320	0.00	2.4925
Blending with stream 2 of Product 3.Queue	0.01734800	0.01	0.00	0.05914307	0.00	2.3738
Cracking Process.Queue	0.03015822	0.01	0.00	0.1105	0.00	6.8105
Seize Crude in Distillation Unit.Queue	3.8129	0.32	2.3687	5.5767	0.00	44.4032

Other

Number Waiting	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Blending with stream 1 of Product 1.Queue	0.00025589	0.00	0.00	0.00106222	0.00	1.0000
Blending with stream 1 of Product 2.Queue	0.00048602	0.00	0.00	0.00334271	0.00	1.0000
Blending with stream 1 of Product 3.Queue	0.00034168	0.00	0.00	0.00180031	0.00	2.0000
Blending with stream 2 of Product 1.Queue	0.00023230	0.00	0.00	0.00097965	0.00	1.0000
Blending with stream 2 of Product 2.Queue	0.00040979	0.00	0.00	0.00150428	0.00	1.0000
Blending with stream 2 of Product 3.Queue	0.00034885	0.00	0.00	0.00138897	0.00	1.0000
Cracking Process.Queue	0.00125797	0.00	0.00	0.00468805	0.00	2.0000
Seize Crude in Distillation Unit.Queue	1.5280	0.14	0.8640	2.2582	0.00	23.0000

Values Across All Replications

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Resource

Usage

Instantaneous Utilization		Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Blending Machine		0.06467220	0.00	0.04805671	0.07768732	0.00	1.0000
Cracker		0.05496009	0.00	0.03445141	0.07091058	0.00	1.0000
Distillation Unit		0.7881	0.01	0.7235	0.8494	0.00	1.0000
Number Busy		Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Blending Machine		0.06467220	0.00	0.04805671	0.07768732	0.00	1.0000
Cracker		0.05496009	0.00	0.03445141	0.07091058	0.00	1.0000
Distillation Unit		0.7881	0.01	0.7235	0.8494	0.00	1.0000
Number Scheduled		Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Blending Machine		1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Cracker		1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Distillation Unit		1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Scheduled Utilization		Average	Half Width	Minimum Average	Maximum Average		
Blending Machine		0.06467220	0.00	0.04805671	0.07768732		
Cracker		0.05496009	0.00	0.03445141	0.07091058		
Distillation Unit		0.7881	0.01	0.7235	0.8494		



Values Across All Replications

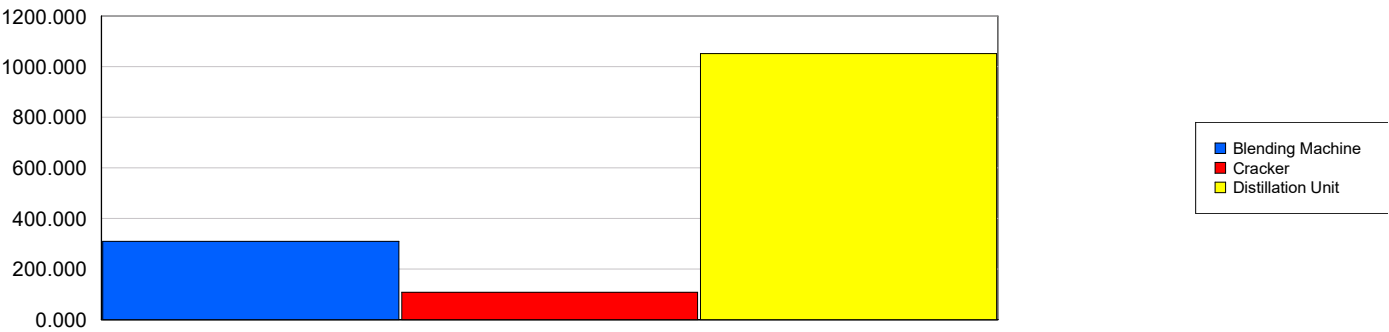
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Resource

Usage

Total Number Seized	Average	Half Width	Minimum Average	Maximum Average
Blending Machine	309.43	9.60	252.00	364.00
Cracker	108.50	3.36	78.0000	124.00
Distillation Unit	1052.37	13.65	963.00	1135.00



User Specified

Counter

Count	Average	Half Width	Minimum Average	Maximum Average
87 On Counter	49.9000	2.27	38.0000	66.0000
89 ON Counter	53.3000	2.61	42.0000	67.0000
92 ON Counter	51.4000	3.12	37.0000	73.0000

