WORKSHOP 3

Replications: 10   Time Units: Minutes

Key Performance Indicators

System

	Average
Number Out	50

WORKSHOP 3

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Entity

Time

VA Time

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximu Val
Pecas	534.59	5,97	524.68	546.93	399.69	663.

NVA Time

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximu Val
Pecas	0.00	0,00	0.00	0.00	0.00	0.

Wait Time

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximu Val
Pecas	770.35	29,10	681.61	825.63	422.85	2181.

Transfer Time

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximu Val
Pecas	0.00	0,00	0.00	0.00	0.00	0.

Other Time

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximu Val
Pecas	0.00	0,00	0.00	0.00	0.00	0.

Total Time

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximu Val
Pecas	110.81	2,66	103.14	116.33	71.2400	241.

Other

Number In

	Average	Half Width	Minimum Average	Maximum Average
Pecas	893.20	37,63	798.00	983.00

Number Out

	Average	Half Width	Minimum Average	Maximum Average
Pecas	867.20	36,92	788.00	946.00

WIP

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximu Val
Pecas	23.7259	0,85	22.1042	25.6621	0.00	65.00

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Queue

Time

Waiting Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Val
Cria Lote de 10 pecas.Queue	11.9191	0,61	10.4669	13.5846	0.00	113.
Cria Lote de 15.Queue	23.7985	1,28	21.1931	26.9563	0.00	162.
Fazer Tratamento Termico.Queue	2.2311	0,67	1.0655	3.7340	0.00	30.73
Furar.Queue	10.4727	0,41	9.5352	11.4545	0.00	37.91
Montar Pallet.Queue	0.00	0,00	0.00	0.00	0.00	0.
Resfriar.Queue	0.07881241	0,03	0.02176178	0.1268	0.00	8.15
Retificar.Queue	2.8166	0,18	2.5135	3.3477	0.00	24.59

Other

Number Waiting	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Val
Cria Lote de 10 pecas.Queue	3.0311	0,08	2.8068	3.1549	0.00	10.00
Cria Lote de 15.Queue	5.9206	0,25	5.2627	6.3994	0.00	15.00
Fazer Tratamento Termico.Queue	0.05693714	0,02	0.02983382	0.0996	0.00	2.00
Furar.Queue	2.6213	0,16	2.3350	3.0164	0.00	20.00
Montar Pallet.Queue	0.00	0,00	0.00	0.00	0.00	0.
Resfriar.Queue	0.00198413	0,00	0.00058031	0.00333785	0.00	1.00
Retificar.Queue	0.7206	0,06	0.6142	0.8927	0.00	22.00

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Resource

Usage

Instantaneous Utilization

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Empilhadeira	0.06571281	0,00	0.05693501	0.07570972	0.00	1.00
Forno	0.4658	0,02	0.4089	0.4975	0.00	1.00
Furadeira	0.4994	0,02	0.4546	0.5385	0.00	1.00
Maquina de Resfriamento	0.3505	0,02	0.3194	0.3764	0.00	1.00
Operador 01	0.4994	0,02	0.4546	0.5385	0.00	1.00
Retifica	0.2540	0,01	0.2255	0.2725	0.00	1.00

Number Busy

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Empilhadeira	0.06571281	0,00	0.05693501	0.07570972	0.00	1.00
Forno	0.4658	0,02	0.4089	0.4975	0.00	1.00
Furadeira	0.4994	0,02	0.4546	0.5385	0.00	1.00
Maquina de Resfriamento	0.3505	0,02	0.3194	0.3764	0.00	1.00
Operador 01	0.4994	0,02	0.4546	0.5385	0.00	1.00
Retifica	0.2540	0,01	0.2255	0.2725	0.00	1.00

Number Scheduled

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Empilhadeira	1.0000	0,00	1.0000	1.0000	1.0000	1.00
Forno	1.0000	0,00	1.0000	1.0000	1.0000	1.00
Furadeira	1.0000	0,00	1.0000	1.0000	1.0000	1.00
Maquina de Resfriamento	1.0000	0,00	1.0000	1.0000	1.0000	1.00
Operador 01	1.0000	0,00	1.0000	1.0000	1.0000	1.00
Retifica	1.0000	0,00	1.0000	1.0000	1.0000	1.00

Values Across All Replications

WORKSHOP 3

Replications:	10	Time Units:	Minutes

Resource

Usage

Scheduled Utilization

	Average	Half Width	Minimum Average	Maximum Average
Empilhadeira	0.06571281	0,00	0.05693501	0.07570972
Forno	0.4658	0,02	0.4089	0.4975
Furadeira	0.4994	0,02	0.4546	0.5385
Maquina de Resfriamento	0.3505	0,02	0.3194	0.3764
Operador 01	0.4994	0,02	0.4546	0.5385
Retifica	0.2540	0,01	0.2255	0.2725
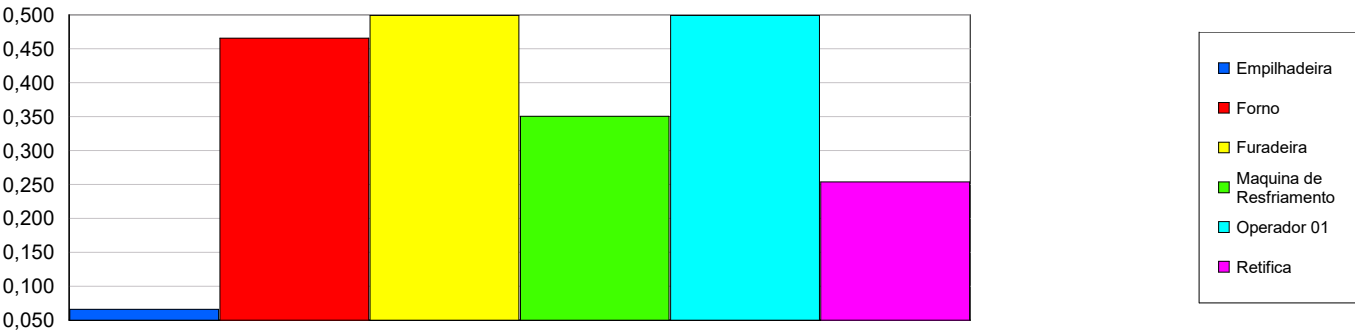
Total Number Seized

	Average	Half Width	Minimum Average	Maximum Average
Empilhadeira	49.5000	2,11	45.0000	54.0000
Forno	76.2000	3,27	68.0000	84.0000
Furadeira	749.90	31,39	680.00	812.00
Maquina de Resfriamento	75.6000	3,20	68.0000	83.0000
Operador 01	749.90	31,39	680.00	812.00
Retifica	766.60	32,32	685.00	845.00