

# CONSTRAINT CAPACITY ESTIMATE

## (Constraint Level Analysis by Operation)

### GP-9 RUN@RATE Worksheet Attachment C-3

Supplier Name		
Part(s) Name		
Part(s) Number		
Working Days per Year		
Contracted Capacity	Annual	Daily
Increased Contracted Capacity	Annual	Daily

Date:
Completed by:

CONSTRAINT PROCESS: \_\_\_\_\_

#	OPERATIONS	OPERATION AVAILABILITY (TIME)								OPERATION CAPACITY (UNITS)										RESULT: Mark X for possible constraint operation (>90%)
		Shifts Per Week	Gross Min Avail/day	Scheduled Break/Lunch (minutes)	Changeovers/Tool Changes (minutes)	Planned Maintenance (minutes)	Unscheduled Downtime (minutes)	MCBF (cycles)	MTTR (minutes)	Net Available Minutes/day	Time allocated for other customers (minutes)	Net Minutes Available/day for Study Parts	Operation Cycle Time Per Part (seconds)	Buffer Before Operation	Buffer After Operation	% Scrap	% True Scrap (Total Loss)	Estimated Throughput for study parts per day	NEW CONTRACTED parts per day	
1	Operation Description		0.00	0.00	0.00	0.00	0.00		0.00		0.00				0.00%	0.00		0.00%		
2	Operation Description		0.00	0.00	0.00	0.00	0.00		0.00		0.00				0.00%	0.00		0.00%		
3	Operation Description		0.00	0.00	0.00	0.00	0.00		0.00		0.00				0.00%	0.00		0.00%		
4	Operation Description		0.00	0.00	0.00	0.00	0.00		0.00		0.00				0.00%	0.00		0.00%		
5	Operation Description		0.00	0.00	0.00	0.00	0.00		0.00		0.00				0.00%	0.00		0.00%		
6	Operation Description		0.00	0.00	0.00	0.00	0.00		0.00		0.00				0.00%	0.00		0.00%		
7	Operation Description		0.00	0.00	0.00	0.00	0.00		0.00		0.00				0.00%	0.00		0.00%		
8	Operation Description		0.00	0.00	0.00	0.00	0.00		0.00		0.00				0.00%	0.00		0.00%		
9	Operation Description		0.00	0.00	0.00	0.00	0.00		0.00		0.00				0.00%	0.00		0.00%		
10	Operation Description		0.00	0.00	0.00	0.00	0.00		0.00		0.00				0.00%	0.00		0.00%		
11	Operation Description		0.00	0.00	0.00	0.00	0.00		0.00		0.00				0.00%	0.00		0.00%		
12	Operation Description		0.00	0.00	0.00	0.00	0.00		0.00		0.00				0.00%	0.00		0.00%		
13	Operation Description		0.00	0.00	0.00	0.00	0.00		0.00		0.00				0.00%	0.00		0.00%		
14	Operation Description		0.00	0.00	0.00	0.00	0.00		0.00		0.00				0.00%	0.00		0.00%		
15	Operation Description		0.00	0.00	0.00	0.00	0.00		0.00		0.00				0.00%	0.00		0.00%		
16	Operation Description		0.00	0.00	0.00	0.00	0.00		0.00		0.00				0.00%	0.00		0.00%		
17	Operation Description		0.00	0.00	0.00	0.00	0.00		0.00		0.00				0.00%	0.00		0.00%		
18	Operation Description		0.00	0.00	0.00	0.00	0.00		0.00		0.00				0.00%	0.00		0.00%		
19	Operation Description		0.00	0.00	0.00	0.00	0.00		0.00		0.00				0.00%	0.00		0.00%		
20	Operation Description		0.00	0.00	0.00	0.00	0.00		0.00		0.00				0.00%	0.00		0.00%		

RUN AT RATE STUDY RESULTS				
Total "All Customers" Parts Produced	Run at Rate Actual OK parts produced	Available Capacity > Contracted Capacity?	Run at Rate Actual Scrap (part count)	Run at Rate Actual Downtime (minutes)
		YES/NO		
		YES/NO		
		YES/NO		
		YES/NO		
		YES/NO		
		YES/NO		
		YES/NO		
		YES/NO		
		YES/NO		
		YES/NO		
		YES/NO		
		YES/NO		
		YES/NO		
		YES/NO		
		YES/NO		
		YES/NO		
		YES/NO		
		YES/NO		
		YES/NO		
		YES/NO		
		YES/NO		

<b>Notes/Comments</b>