























ID	Task Name	Duration	Start	Finish	Predecessors	Nov 28, '10		Dec 5, '10		
						S	W	S	T	F
1	Initial Planning	16 days	Fri 12/3/10	Fri 1/7/11						
2	Identify project manager and team roles	3 days	Fri 12/3/10	Tue 12/7/10						
3	Identify and agree upon team values and norms	3 days	Fri 12/3/10	Tue 12/7/10						
4	Set up weekly meeting times	6 days	Fri 12/3/10	Fri 12/10/10						
5	Develop Communication Plan	8 days	Fri 12/3/10	Tue 12/14/10	4					
6	Develop Project Plan	11 days	Fri 12/10/10	Fri 1/7/11						
7	Develop Work Breakdown Structure	10 days	Wed 12/8/10	Tue 1/4/11	2					
8	Current System Analysis	23 days	Fri 12/3/10	Tue 1/18/11						
9	Observe current process	16 days	Fri 12/10/10	Fri 1/14/11						
10	Identify areas for improvement	8 days	Fri 12/17/10	Tue 1/11/11						
11	Interview stakeholders	11 days	Fri 12/10/10	Fri 1/7/11						
12	Develop current state value stream map	8 days	Fri 12/17/10	Tue 1/11/11	18FF,22FF,9SS					
13	Identify customer needs	8 days	Fri 12/10/10	Tue 1/4/11	11SS,9SS					
14	Identify metrics that can be tracked	18 days	Fri 12/10/10	Tue 1/18/11						
15	Identify Engineering Specifications	8 days	Fri 12/10/10	Tue 1/4/11	11SS,9SS					
16	Identify available space	6 days	Fri 12/17/10	Fri 1/7/11						
17	Verify Current Layout	5 days	Fri 12/17/10	Thu 1/6/11						
18	Obtain Gasket Order Data	11 days	Fri 12/3/10	Fri 12/17/10						
19	Concept Generation and Systems Design	16 days?	Fri 12/17/10	Fri 1/21/11						
20	Research Gasket Equipment Technologies	13 days?	Fri 12/17/10	Tue 1/18/11						
21	Research Gasket Equipment Technologies	0 days?	Tue 1/18/11	Tue 1/18/11						
22	Develop current equipment profiles	8 days	Fri 12/17/10	Tue 1/11/11						
23	Review material specifications	8 days	Fri 12/17/10	Tue 1/11/11						
24	Research various equipment options	5 days	Wed 1/12/11	Tue 1/18/11	22,23					
25	Develop new machine specifications	5 days	Wed 1/12/11	Tue 1/18/11	22,23					
26	Acquire supplier contacts	5 days	Wed 1/12/11	Tue 1/18/11	22,23					
27	Perform Risk Assessment	11 days	Tue 1/4/11	Tue 1/18/11						
28	Research benchmark gasket producers	11 days	Tue 1/4/11	Tue 1/18/11						
29	Develop HOQ	5 days	Wed 1/5/11	Tue 1/11/11	13,15					
30	Summarize Gasket Order Data	12 days	Mon 1/3/11	Tue 1/18/11	18					
31	Identify Initial Concepts	5 days	Wed 1/12/11	Tue 1/18/11						
32	Define Interfaces and Functions	8 days	Fri 1/7/11	Tue 1/18/11						
33	Develop Presentation	5 days	Mon 1/17/11	Fri 1/21/11						
34	Systems Design Review	0 days	Fri 1/21/11	Fri 1/21/11						

ID	Task Name	Duration	Start	Finish	Predecessors	Nov 28, '10		Dec 5, '10		
						S	W	S	T	F
35	Concept Development and Detailed Design	20 days	Mon 1/24/11	Fri 2/18/11	19					
36	 Concept Development and Detailed Design	0 days?	Fri 2/18/11	Fri 2/18/11						
37	 Develop process around new technology	6 days	Mon 1/31/11	Mon 2/7/11	39					
38	 Develop visual controls	6 days	Mon 1/31/11	Mon 2/7/11	39					
39	 Concept selection	2 days	Mon 1/24/11	Tue 1/25/11						
40	 Develop future state value stream map	5 days	Mon 1/24/11	Fri 1/28/11	34					
41	Continue to research new equipment	12 days	Mon 1/24/11	Tue 2/8/11						
42	 Work with DR to develop supplier contacts	12 days	Mon 1/24/11	Tue 2/8/11						
43	 Justify the cost of new equipment	10 days	Wed 1/26/11	Tue 2/8/11	39					
44	 Identify relocation areas	5 days	Wed 2/9/11	Tue 2/15/11						
45	 Identify improvements to current process and layout	5 days	Mon 1/24/11	Fri 1/28/11						
46	 Identify improvements to current order processing	8 days	Mon 1/24/11	Wed 2/2/11						
47	 Work with operators to determine footprint minimization	1 day	Mon 1/24/11	Mon 1/24/11						
48	 Develop new organization method for dies (optional)	5 days	Mon 1/24/11	Fri 1/28/11						
49	 Develop new organization method for patterns (optional)	5 days	Mon 1/24/11	Fri 1/28/11						
50	 Design the new layout	5 days	Tue 2/8/11	Mon 2/14/11	48,49,39,37,38,					
51	 Develop implementation plan (MSD II?)	5 days	Tue 2/8/11	Mon 2/14/11	48,49,39,37,38,					
52	 Standardize and document new process (MSD II?)	5 days	Tue 2/8/11	Mon 2/14/11	48,49,39,37,38,					
53	 Estimate the effect of improvements	5 days	Wed 2/9/11	Tue 2/15/11	39,41,42					
54	 Develop system to track important metrics	5 days	Wed 1/26/11	Tue 2/1/11	39					
55	 Determine and present estimated return on investment	5 days	Wed 1/26/11	Tue 2/1/11	39					
56	 Test new machine options if possible	10 days	Mon 1/24/11	Fri 2/4/11						
57	 Develop Final Presentation	3 days	Wed 2/16/11	Fri 2/18/11	50,51,52,53,54,					
58	 Detailed Design Review	0 days	Fri 2/18/11	Fri 2/18/11						

