Failure Modes and Effects Analysis

	Failure Modes and Effects Analysis	Date:
Project Name: _	Equipment Name:	Page:

Analysis Group Members:

Item #	Component/ Function	Failure Mode	Root Cause	Effect	Sev.	Prob.	C/M'd?	Risk	Recommendation
1									
2									
3									
4									
5									
6									
7									
8 9									
9									
10									
10									
4.4									
11 12									
12									
13									
14									

					Unlikely	Can	Has	Has	Has
						happen	happened	happened	happened
							in industry	in the last	in last 1
								5 years	year
Cost	Safety	Quality	Line Stop		E	D	С	В	Α
Capital >20% of Asset	Severe Injury	Continuous Defects	8+hours production stop	4					
>5% of Asset	Lost time/ Minor Injury	>20% of Parts Defective	1+hour line stop entire plant	3					
Capital <5% of Asset	OSHA Record; No Lost Time	>10% of Parts Defective	1+hour line stop, Mixitorium	2					
Increased Operating Costs	Non OSHA Recordable	<10% of Parts Defective	Near Miss line stop	1					
None	None	None	None	0					