

## FMEA Worksheet

Project:

Page:

Date:

FMEA Ref	Item or Function	Failure Mode	Cause	Failure Effect	System Effect	Probability Estimate	Severity Estimate	Detection Estimate	Risk Level (P*S)	Risk Level (P*S*D)	Qual	Prevent
1												
2												
3												
4												

Probability

- 1 = Extremely unlikely
- 3 = Remote
- 5 = Occasional failures
- 7 = Reasonably possible
- 9 = Frequent failure

Severity

- 1 = No effect
- 4 = Very minor effect
- 9 = Light injuries/damage
- 16 = Heavy injuries/damage
- 25 = Critical
- 49 = Catastrophic

Detection

- 1 = Certain detection
- 3 = Almost certain
- 5 = High detection rate
- 7 = Moderate detection rate
- 9 = Low detection rate
- 12 = Fault will not be detected before failure