## FMEA Worksheet

<table>
<thead>
<tr>
<th>FMEA Ref</th>
<th>Item or Function</th>
<th>Failure Mode</th>
<th>Cause</th>
<th>Failure Effect</th>
<th>System Effect</th>
<th>Probability Estimate</th>
<th>Severity Estimate</th>
<th>Detection Estimate</th>
<th>Risk Level (P*S)</th>
<th>Risk Level (P<em>S</em>D)</th>
<th>Qual</th>
<th>Prevent</th>
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### 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