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| **Steps in the process** | **Failure Mode** | **Failure Causes** | **Failure Effects** | **Likelihood of Occurrence** | **Likelihood of Detection** | **Severity** | **Risk Profile Number (RPN)** | **Actions to Reduce Occurrence of Failure** |
|  | **What could go wrong?** | **Why would the failure happen?** | **What would be the consequences of each failure?** | **On a scale of 1-10, with 10 being the most likely, what is the likelihood the failure mode will occur?** | **On a scale of 0-10, with 10 being the most likely NOT to be detected, what is the likelihood the failure will NOT be detected if it does occur?** | **On a scale of 1-10, with 10 being the most likely, what is the likelihood that the failure mode, if it does occur, will cause severe harm?** | **Likelihood of occurrence X likelihood of detection X severity** |  |
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