

# Example Logic Tree with Explanations to Aid in Properly Completing Sections of RCFA Database Analysis Workspace

## 1) Failure Event

Define the problem or failure

Pump Stopped Pumping

## 2) Failure Mode(s)

List all known or possible failure modes

Bearing Failure

Motor Failure

Foundation Failure

~~Fatigue  
(Alignment/Balancing)~~

~~Bearing Design~~

Inadequate Lubrication

## 3) Proven Failure Cause(s)

List and explain only the proven failure cause(s) and supporting specific details

~~Oil Levels~~

Oil Contaminated

~~Wrong Lubricant~~

Contaminants Enter  
At the Pump

~~Contamination During  
Storage/Handling~~

This page should be the page that pops up in a new window to provide a graphical explanation of how to properly complete the fields within the analysis workspace. It should be tailored to fit the final format and/or wording for the analysis workspace