Exercise 2 Functional Failure and Task Development Worksheet

Use the following worksheet to record all relevant data during this exercise. Complete all fields for a comprehensive analysis of each MSI.

MSI Name	Functional Failure	Failure Effect (Evident/Hidden)	Effect on Safety	Effect on Operations	Effect on Economics	Selected Maintenance Task (Inspection, Servicing, Restoration, Discard)

Instructions for Worksheet Use:

1. MSI Name: Provide the name of the Maintenance Significant Item.
2. Functional Failure: Describe the specific failure of the MSI.
3. Failure Effect: Specify if the failure effect is evident or hidden and provide details.
4. Effects: Describe the consequences on safety, operations, and economics.
5. Selected Task: Identify the most appropriate maintenance task based on the MSG-3 logic path analysis.