Xfmea Report Sample – MIL-STD FMEA

This report was generated with ReliaSoft's Xfmea software in Microsoft Word. Similar reports can also be generated in Microsoft Excel. You can easily replace the Xfmea logo graphic with your own company logo. Within Word and Excel, reports can be edited/annotated, if necessary, and generated in PDF and/or HTML format for easy distribution.

This report includes:

- FMEA report spreadsheet in the MIL-STD-1629A reporting format.

Reports are based on fictional information that is not intended to be realistic.

FAILURE MODE AND EFFECTS ANALYSIS
Widget

SYSTEM 1 - Widget
INDENTURE LEVEL 1 - Widget (Level 1)
REFERENCE DRAWING RS 12345
MISSION Description of mission.

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COMPILED BY ReliaSoft Corporation
APPROVED BY ReliaSoft Corporation

IDENTIFICATION NUMBER	ITEM/ FUNCTIONAL IDENTIFICATION (NOMENCLATURE)	FUNCTION	FAILURE MODES AND CAUSES	MISSION PHASE/ OPERATIONAL MODE	FAILURE EFFECTS			FAILURE DETECTION METHOD	COMPENSATING PROVISIONS	SEVERITY CLASS	REMARKS
					LOCAL EFFECTS	NEXT HIGHER LEVEL	END EFFECTS				
1	Widget	Performs an unnamed mechanical function.	Defective part.	All phases.			Widget fails to perform intended mechanical function.			Category II - Critical	This is an imaginary product used for demonstration purposes.
			Quality Assurance controls for manufacturing do not function adequately.					Description of failure detection method.	Description of compensating provisions.		
			Improper installation.	All phases.			Widget performs intended function at 50% - 75% capacity.			Category III - Marginal	
			Quality Assurance controls for assembly do not function adequately.					Description of failure detection method.	Description of compensating provisions.		
			Repair personnel did not install new component properly.					Description of failure detection method.	Description of compensating provisions.		
			Improper lubrication.	All phases.			Widget fails to perform intended function and affects the performance of related components.			Category I - Catastrophic	
			Maintenance personnel did not provide sufficient lubrication.					Description of failure detection method.	Description of compensating provisions.		
			Quality Assurance controls for manufacturing do not function adequately.					Description of failure detection method.	Description of compensating provisions.		
			A leak caused the accelerated depletion of lubricating material.					Description of failure detection method.	Description of compensating provisions.		