

The Failure Mode Effects Analysis, FMEA is an analytical method to detect potential weaknesses in design, products or processes. It is about a precautionary error prevention instead of late detection and response in case of errors. This is to avoid expensive control and error management costs in production or operational use of the product by the customer.

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Due to its simple architecture the tool can be adapted with little effort according to customers' specific requirements and system environments and implemented on short notice. The simple MS Office architecture results in limited technical framework; however, it is well-suited to react quickly to dynamic changes of requirements, organisational structures and system environment.

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In order for nls FMEA to work properly, systemic frame conditions and some restrictions in the use of MS Excel are to be considered. nls FMEA requires at least MS Excel 2007 and VBA. Be careful not to work with Drag & Drop or Cut & Paste.

General information on handling all next level solutions' tools based on MS Excel can be found in a separate document "Important technical notes when working with tools based on MS Excel".

- Start nls FMEA.
- Here, up to 50 process steps can be entered, by default, only 5 are displayed. Clicking the "Refresh" button will add 5 more blank lines.
- New process steps have to be added below, please do not move any spaces, otherwise the structures are destroyed.

FMEA Analysis

Refresh

next level consulting

Process:

Process Responsibility:

Process team:

FMEA date (original):

revised:

FMEA Process											Actions taken							
Item	Potential failure mode	Potential effects of failure	Severity	Potential cause(s)	Occur	Current process control	Detect	Prevent	Actions necessary	Recommended actions(s)	Responsibility	target date	Actions taken	Severity	Occurrence	Detection	RPN low	
Total Risk Priority Number											Residual Risk Priority Number							