

| Failure Mode & Effects Analysis (FMEA) New version for implementation | | Frequently asked questions and our views ! | Sri Padhmam Consultancy & Training |
|--|---|--|---------------------------------------|
| # | Question | Our response | |
| 1 | Who are the agencies involved in the development of FMEA new version ? | AIAG of the United States & VDA from Germany | |
| 2 | When the new version is expected to be released ? | Mid of 2018 (any time from May 2018) RED print is expected ! | |
| 3 | The expected changes are few or many ? | Many and also major level changes ! | |
| 4 | Should the companies change the existing FMEAs to the new version ? | No need ! Existing FMEAs shall continue in the same form ! (great relief ?!!!) 😊 | |
| 5 | What should be done on the existing FMEAs – when there is a need for an amendment (e.g. Product of Process design change) | Ideal to embrace the new approach ! | |
| 6 | Then, when onwards the organizations must adopt the new version ? | For all the new products and processes, from Sept 2018 onwards ! Only the new approach is acceptable ! | |

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| 7 | Can you mention few key changes, in the new version ? | <ul style="list-style-type: none"> • No more RPN method ! • RPN is replaced by Action Priority (AP) • 6 stepped approach is must for both Design & Process FMEAs (*) • Project plans to adopt a 5T approach • Linked to ISO 26262 now • Monitoring & System Response (MSR) is linked to AP • Major changes on SOD ranking tables ! + + + + <p>(There are close to 25 changes, approximately !)</p> |
| 8 | How to get a clear idea for understanding the changes & implement ? | <ul style="list-style-type: none"> • Please wait for few more weeks ! • We will support you very soon ! • Best wishes ! |

(*) The 6 stepped approach in the new version :

1. Scope Definition and Project Planning
2. Structure Analysis
3. Function Analysis
4. Failure Analysis
5. Risk Analysis
6. Optimization

PS : Views mentioned here are based on the anticipated changes in the new version on FMEA. Date of preparation : 15th April 2018