

Why many Organizations could not reap the fullest benefits from FMEA adoption ?

Failure Mode & Effects Analysis (FMEA)

- A Tool for all seasons
- A Tool for all reasons



Few common Failure modes
organizations bound to commit while
adopting FMEA technique

#	Failure Mode & Potential cause(s)	Effects	Recommended action(s)
1	Participants having inadequate knowledge and no interest in implementation of Learning, due to ill-designed Training program	FMEA on paper as one of many documents only.	A detailed home work, before the first workshop in terms of customization.
2	Formation of CFT – no commitments from Top management / Department heads, since the FMEA initiative has no linkage to the performance of the employee(s).	CFT member is not showing keenness / not allowed to allocate his time / efforts by the Superior.	The progress of FMEA must have a linkage to the Annual appraisal for the CFT members and the concerned HOD also.
3	Poor number of participation during the FMEA review meetings, due to the absence of attendance monitoring system in place	Not a worthy analysis happening and no scope for Laud thinking.	Deployment of a good monitoring system of attendance by a common person, external to the teams.
4	No review mechanism of the FMEA progress, due to absence of Measures of Performance (MOPs)	No charm / healthy competition among the teams.	Evolving and deploying meaningful MOPs and explain to all.
5	Looking forward Failure modes from Field failures and other Cost of Poor quality means, with out any clarity on Requirements due to poor conceptual knowledge and idea generation.	In spite of FMEA efforts, many new Failure modes are experienced.	Finding out all the Failure modes through a very healthy GD and techniques like Reverse FMEA.

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6	Potential causes does not reflect the Process conditions, <u>since</u> FMEA is done as a desk work only.	Causes are inappropriate to the Failure modes	The teams to spend at least 50 % of their time in the Shop-floor and getting the causes from the concerned process owners.
7	Teams getting frustrated <u>due to</u> no review or appreciation from Top management.	No continuation of FMEA journey and no focused implementation of Recommended actions identified.	Periodic review and rewarding system by the Top management and budget allocation.
8	Recommended actions focus on Process related solutions only but not Product related solutions, <u>due to</u> inadequate support from R & D	Cost of implementation goes up and issues in terms of sustenance of the process controls.	R & D representative attached to each team, to provide Product focused solutions.
9	Pressurizing immediate results from FMEA by the Top management, <u>due to</u> short-focus and / or not understanding the nature of the technique.,	Dropping out the project with out any concrete progress.	Allowing gestation period and motivating the teams.
10	Identified 'Recommended actions' not implemented <u>due to</u> no budget allocation	No improvements in the Products / processes	To plan for the budget, in advance