



FMEA Example

**Potential
Failure Mode and Effects Analysis**
(Process FMEA)

Item :
Core Team :

Process Responsibility :
Key Date :

FMEA Number :
Prepared by :
FMEA Date (Orig.) :

Team 1 (small group of specialists)				Subject Matter Experts (brainstorm 10 min. each)														
Process / Function	Requirements	Potential Failure Mode	Potential Effect(s) of Failure	S E V	C L A S S	Potential Causes of Failure	Current Process Controls Prevention	O C C	Current Process Controls Detection	D E T	R P N	Recommended Action(s)	Area/Ind Resp. & Comp. Date	Actions Taken	S E V	O C C	D E T	R P N
Apply Topex Label to Sidewall	Label Must Contain Accurate Information AS READ BY xxx Barcode reader	Label contains inaccurate information	DS data may be innacurate (10) Line stops (7)	10	cc	Scanner reader protocols incorrectly set (New scanner programmed improperly)	Proven process (1M cars w/o issue)	4	First part verification at startup	5	200	Consult IT expert to determine procedure for setting protocol code	1/15/2010 Charley X	IT confirms protocol exists but needs improvement	10	4	5	200
												Verify with IT on confirmation protocols, coincidence check. When done rerank RPN on right and that's new risk level	5/13/2013 Charley X	Actions completed IT protocol is effective 5/20/2013. New RPN published (FMEA date on top would reflect last time FMEA was updated)	10	3	5	150
												Add a line lockout to protocol won't allow	1/6/2015 Billy Y	Actions Completed 12/20/2014. New RPN published (FMEA date on top would reflect last time FMEA was updated) Update Control Plan with Red Rabbit (failed part) verification daily	10	3	3	90
												Install Error proofing so operator cannot setup incorrectly	6/1/2016 Charley X	Actions Completed 5/10/2016. Verified cannot setup incorrectly	10	1	1	10