

ABC Bicycle Handbrake Subsystem FMEA - Lessons Learned (with errors for evaluation)		
The quality objective for Lessons Learned will be evaluated by examining the preparation steps leading up to the Hand Brake subsystem FMEA, with focus on how well the FMEA team researched past field failures for similar products (or processes) and seeing how well the FMEA ensures no repeat of past failures.		
EVALUATION		
<i>Quality Objective 4: The FMEA considers all major “lessons learned” (such as high warranty or field failures, for Design FMEAs, or manufacturing history for Process FMEAs) as input to failure mode identification.</i>		
Evaluation Criteria		
Assess how well the ABC Bicycle Handbrake FMEA meets the Quality Objective #4		
Rating	4	on a scale of 1 to 5
Rationale 1	Evaluating how well the FMEA team researched records for past failures for similar products, it was found that they had excellent records for past warranty and customer service failures, and were able identify which of the failures were associated with products that are similar to the new product being analyzed.	
Rationale 2	When the team was asked to trace the past field failures for similar products to the FMEA for five randomly selected failures, they showed the same five field failures in the Failure Mode column of the subject FMEA.	
Rationale 3	However, one of the five randomly selected field failures was not analyzed in the FMEA. In other words, there was no evidence that this potential failure would not recur in the new product, based on the FMEA procedure.	