

# ABC Bicycle Handbrake Subsystem FMEA

## Evaluation of Quality Objective for FMEA Linkage

The quality objective for FMEA Linkage will be evaluated by examining the Hand Brake subsystem Design FMEA and determining how well it meets the quality objective

### EVALUATION

*Quality Objective 13: The value of an FMEA is increased through proper linkage to other analyses.*

### Evaluation Criteria

Assess how well the ABC Bicycle Handbrake FMEA meets Quality Objective # 13

<b>Rating</b>	<b>5</b>	on a scale of 1 to 5
<b>Evaluation 1</b>	Question: Which inputs to the FMEA being evaluated come from other analyses and are useful to the FMEA team? Evaluation: Two of the failure modes came from a FRACAS report for similar product; the Hazard Analysis provided input to the lubrication failure cause.	
<b>Evaluation 2</b>	Question: For a sampling of high-risk failures/causes, which ones recommend actions that provide meaningful linkage to other analyses? Evaluation: first FM/C recommends presenting to bicycle design review; second FM/C recommends special product characteristic as input to PFMEA; third FM/C recommends revision to bicycle durability test.	
<b>Evaluation 3</b>	Question: Based on these two evaluations, how well does the FMEA meet the quality objective? Evaluation: Excellent linkage; 5 out of 5	