

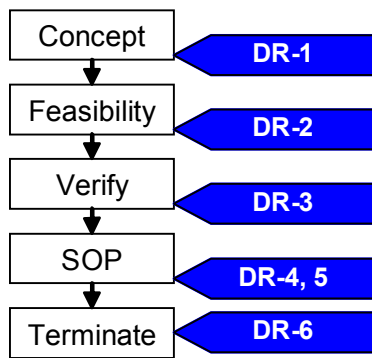
Background

- FMEA takes considerable time; in terms of real quality impact, may not be as effective as alternatives
- Difficult to implement concurrently

Objective

Combine FMEA with design review, and concurrently create a solution with all related organizations

Phase



Who

Phase	Project Leader	Sales Marketing	Engineering	Production	Coordinator
DR-1	Y	Y	Y	Y	Project Lead
DR-2	Y	Y	Y	Y	Engineering
DR-3	Y	Y	Y	Y	Test
DR-4	Y	Y	Y	Y	Production Engineering
DR-5	Y	Y	Y	Y	Production
DR-6	Y	Y	Y	Y	Project Lead

Procedure

1. Only implement for critical and human injury safety related, also for reported problem unit such as brake system, etc.
2. Prepare format in engineering group and fill in issue, influence and countermeasure by engineer.
3. Bring real products and cut model with drawing
4. Gather all related experts and members and decide next steps in the meeting
5. Must implement by visual ways because of expectation of cultural change
6. PDCA Cycle

Output

- DRBFM for testing phase

Results

Deeper analysis and countermeasures for critical parts.

Comment

At the concept & design phase, the check sheet is more efficient. Without a long-term scenario for each sub-system, answers will be temporary remedy. Maybe only testing organization will feel value, but not engineering.