

# DR for drawing



## Background

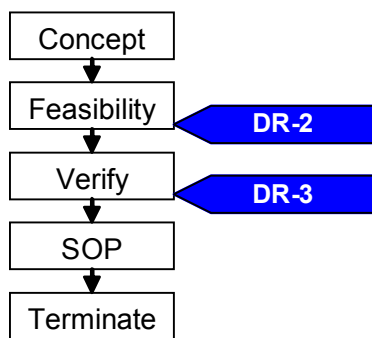
- Viewing only a CAD screen, it's difficult to capture all issues
- Knowledge management begins here
- Technical meeting is so long time, and sometimes no solution

## Objective

Early in the drawing phase, print out the drawing showing more critical areas, and review with all related members to create countermeasures.

Also technical meeting must join with solution and recommendation.

## Phase



## Who

Phase	Project Leader	Engineering	Production Engineering	Production	Coordinator
DR-2	(Y)	Y	Y	Y	Engineering
DR-3	(Y)	Y	Y	Y	Test

## Procedure

1. Print out the drawing from CAD, Engineering team can prepare the issue item list and during the meeting issue # in the list
2. During the meeting, check line by line of list and decide countermeasure
3. Require attendance of experts and persons from other organization to get more organizational knowledge
4. Write final responsible person with declared due date
5. Technically difficult issue must show suggestions
6. If it's necessary of additional technical meeting, the leader cut off the meeting and keep cadence of meeting
7. PDCA cycle

## Result

- The discussion history is captured in Issue sheet
- Technical suggestion format

Product	Suggestion	Weight	Cost	Capital	Assembly	Service	Recommend
Parts X	A	++	+	-			2
	B	+	+	+			1
	C	-	++	--			3

## Comment

More technical discussion to solve because of good preparation. Set-based design (more alternative) is practically apply.