

Step 2:

ISO9001:2015 -Risk Based Planning Input Criticality and Output Impact

Introduction

When I deliver a risk based planning workshop; I get asked the same question?
I would like you to write down your answer to the following question?

What is an input risk and an output impact?

You will find my answer on the slide 9 of the presentation.

Now we will begin step two of implementing a risk based planning management system.

By the end of this workshop session you will be able to complete the following:

1. Define a severity risk ranking standard
2. Determine what are special characteristics
3. Define what are input criticalities
4. Define what are output impacts

Severity or Risk Racking Standard

Within any risk based planning management system, benchmarks must be set. Listed below are examples of benchmarks for a severity or risk racking methodology standard.

Racking Severity or Risk Scoring Standard

Number Methodology	HML Methodology	Alpha Methodology	Alphanumeric Methodology
10 = Very High	High = Very High	A = Very High	A1 = Very High
1 = No Risk	Med = Med	F = Very Low	A2 = High
	Low = No Risk		A3 = Med
			F4 = Low

**Note: The above are just examples, you can use your own:-
WHAT IS IMPORTANT THE SAME RACKING STANDARD IS USED BY EVERYONE.**

Determine Special Characteristics?



Special Characteristic as a people, process, or product characteristic for which reasonably anticipated variation could significantly affect a safety, compliance, governmental standards and regulations, or is likely to significantly affect cost, delivery and customer satisfaction.

A Special Characteristic can be split into two categories: **Critical and Significant**

Determine Special Characteristics?



Critical characteristic - severity or risk ratings between 9 and 10.

A characteristic of a product are defined as requirements that affect compliance with government regulation or safe product function, and which require special actions or controls.

A characteristic of a process can cause failure or defects if not in compliance with a standard or other contract requirements . Identifying the critical characteristic of a process is necessary in order to determine strategies for improving the output of the process.

Determine Special Characteristics?



Significant Characteristic - Severity ratings between 5 and 8.

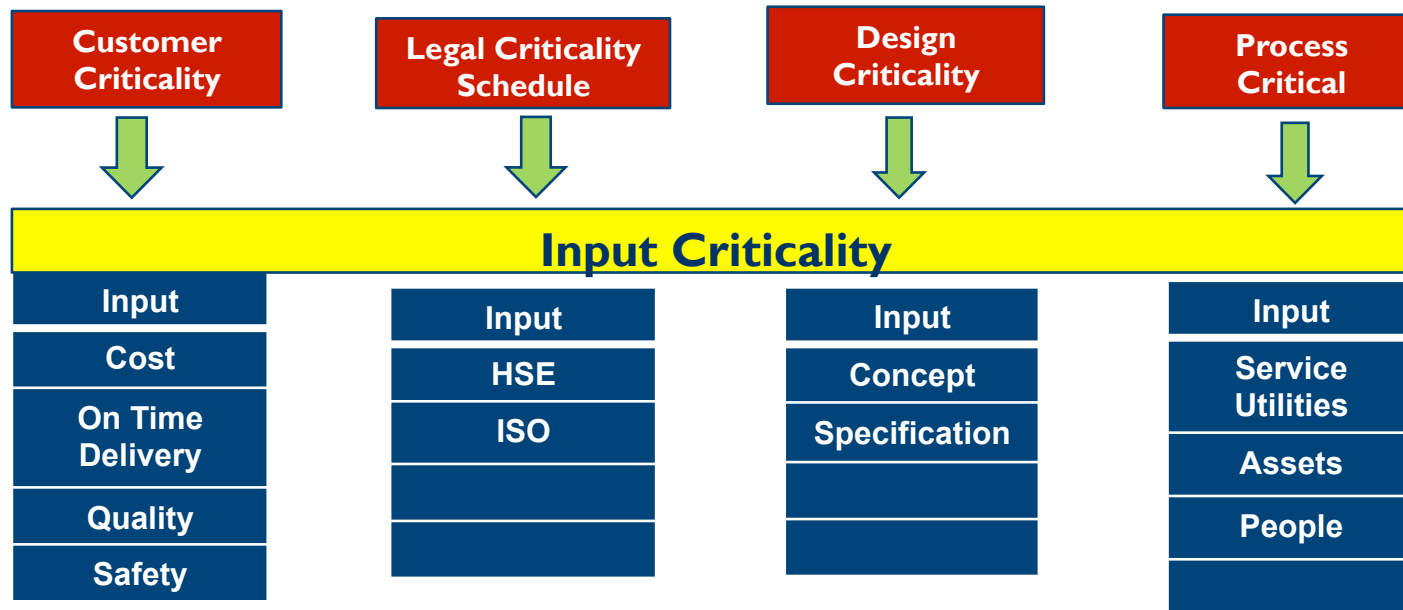
Extent to which an identifiable piece of work-job-task affects, or is important to, others within or outside the organisation.

An employee's knowledge of other people's dependence on the work he or she is doing is an important factor in his or her job satisfaction.

A characteristic of a product or process that require special control because they are important to customer satisfaction. Severity ratings between 5 and 8.

Input Criticality

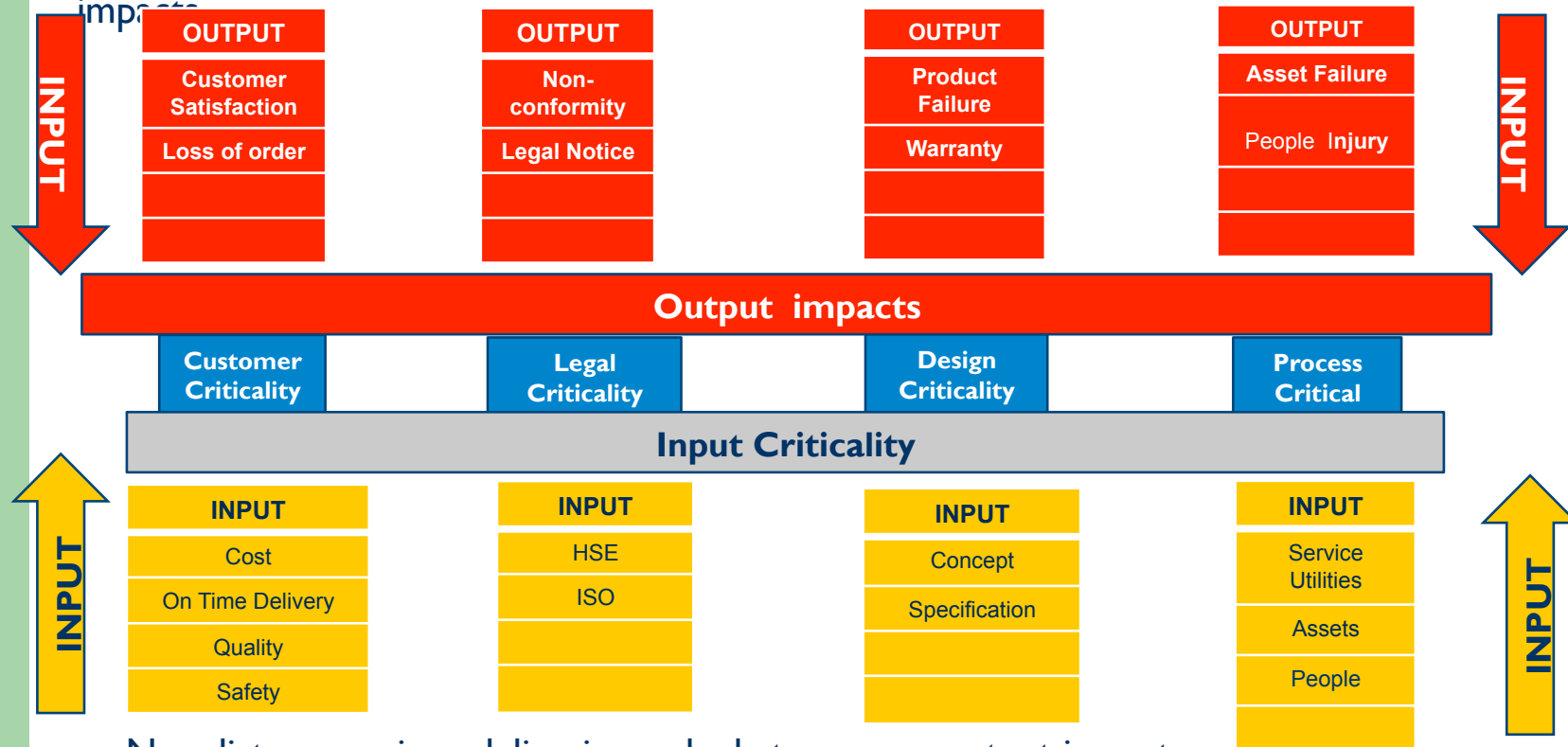
Listed below are a list of priory deliveries and their input criticalities.



Now list your priory deliveries and your input criticalities.

Output Impacts

Listed below are a list of priory deliveries their input criticalities and output impacts



Now list your priory deliveries and what are your output impacts.

What is an Input Risk & Output Impact?

Input risk - left keys in my car
Output impact - Car stolen



Third Step



**The third step of our workshop
We will define what is a failure mode**