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# Title Project : New New

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Type : Prevention

Departement : Indus

## Probability Scale

Relative concentration of risk		Probability of occurrence
0.0	0.9	0.4

## Estimation of Impact

	Impact : IP	Impact : IC	Impact : ID	Impact : IE
E2	1	1	1	1
E3	1	1	1	1
E4	1	1	1	1

## Les Matrices AHP

### E2

	F1	F2	F3	F4	Weight
F1	1.0	1.0	1.0	1.0	0.24999999999999992
F2	1.0	1.0	1.0	1.0	0.25000000000000001
F3	1.0	1.0	1.0	1.0	0.25000000000000006
F4	1.0	1.0	1.0	1.0	0.25000000000000006

### E3

	F1	F2	F3	F4	Weight
F1	1.0	1.0	1.0	1.0	0.24999999999999992
F2	1.0	1.0	1.0	1.0	0.25000000000000001
F3	1.0	1.0	1.0	1.0	0.25000000000000006
F4	1.0	1.0	1.0	1.0	0.25000000000000006

### E4

	F1	F2	F3	F4	Weight
F1	1.0	1.0	1.0	1.0	0.24999999999999992
F2	1.0	1.0	1.0	1.0	0.25000000000000001

	F1	F2	F3	F4	Weight
F3	1.0	1.0	1.0	1.0	0.25000000000000006
F4	1.0	1.0	1.0	1.0	0.25000000000000006

### Calculation of the risk factor concentration for each undesirable event

Undesirable event	Linked risk factor category	Factors of category Xi	Weighting: Yi	Xi*Yi	Fraction of total Eq	Probability of Occurrence	Max Impact	Level of Risk
E2	F1	3	1.0	3.0	--	--	--	--
			Sub-Total E2	3.0	0.27272728	0.4	1.0	0.4
E3	F2	1	4.0	4.0	--	--	--	--
			Sub-Total E3	4.0	0.36363637	0.4	1.0	0.4
E4	F3	2	2.0	4.0	--	--	--	--
			Sub-Total E4	4.0	0.36363637	0.4	1.0	0.4
			Total	11.0	100 %			

**Result :** Limit ACCEPT = 2.0

Accepted Risks	
Code	Description
E2	Drop in productivity
E3	Drop in quality
E4	Inadequate design

Risks à reduire	
Code	Description