

Risk matrix

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Potential consequences					Potential chance of incidents with these consequences				
					A.	В.	C.	D.	
					Improbable	Seldom	Not often	Regularly	E. Often
Category	Safety, Health, Well-being	Environment	Reputation	Financial consequen- ces 1)	Never previously heard of within industry (outside RWE) 10-5/year	Heard of once within industry (outside RWE) 10 ⁻³ /year	Has occurred once within RWE	Once or twice per year within RWE 1/year	Occurs several times a year within location/ department 10/year
0. Zero	No consequences.	No effects.	No consequences	No damage.	o	0	o	o	0
1. Slight	First Aidaccident. Unwell.	Limited emission or damage within site boundaries.	No public disturbance.	< 10.000 Euro	1	2	3	4	15
2. Limited	Slight injury. Tem- porarily adapted work. Temporary irritations (non-per- manent).	Slight exceeding of permit- ted emission. No permanent damage outsidesite boundaries.	Local disturbance.	> 10.000 till 100.000 Euro	2	4	18	24	60
3. Serious	Serious injury (temporary disable- ment). Absent.	Permit exceeded. Effect outside siteboundaries. External complaints.	Regional disturbance.	>100.000 till 500.000 Euro	9	18	27	72	90
4. Veryserious	Very serious perma- nent injury. Disabled. Fatality.	Serious exceeding of emission. With damage to the environment. Corrective measures outside site necessary.	National disturbance.	>0,5 million till 10 million Euro	12	24	72	96	120
5.Disastrous	Multiple fatalities.	Serious ecological effects. Great public concern and economic damage.	International disturbance.	> 10 million Euro	30	60	90	120	150

1) With regard to repair, profit, use and availability costs.



Score 0 up to 4; risk requires no follow-up action.



Score 9 up to 27; additional control management necessary to further reduce risk or limit the consequences.



Score 30 to 72; unacceptable; always extra control measures or implementation of consequence reducing measures, to return the risk to a lower acceptable level.



Score 90 and higher; absolutely unacceptable. Complete revise.