

# Risikoanalyse – Risikomatrix

 **STANDARD RISK ASSESSMENT MATRIX:** **SEVERITY**

SEVERITY	HARM TO PEOPLE	ENVIRONMENT	DAMAGE	SCHEDULE	FACILITY
<b>1 – NEGLIGIBLE</b>	First Aid Injury	Within site boundary. No significant environmental impact or exceedance of license conditions. Easily Controllable/recovered by worksite.	Less than €100.000 Insignificant damage to vessel and equipment	Schedule impacted up to 1 hour	Production revenue loss is less than 12 hours
<b>2 – MODERATE</b>	Medical Treatment / Restricted Work Case	Within site boundary. Short term environmental impact. Single license exceedance recoverable by worksite.	More than €100.000 less than €1.000.000 Limited damage to vessel and equipment	Schedule impacted more than 1 hour but less than 12 hours	Production revenue loss is more than 12 hours but less than 1 day
<b>3 – SIGNIFICANT</b>	Day Away From Work case (DAFWC), Temporary or permanent partial disability.	Outside the site boundary. Localised pollution giving rise to significant environmental impact but unlikely to last beyond 1 month. Repeated exceedance of license conditions. Recovery/rehabilitation may require external assistance.	More than €1.000.000 less than €2.000.000 Significant damage to local area or essential vessel and equipment	Schedule impacted more than 12 hours but less than 48 hours	Production revenue loss is more than 1 day but less than 1 week
<b>4 – SEVERE</b>	Single Fatality, Injury resulting in permanent and severe disability, May prevent Operational Safety Case acceptance	Extended exceedance of license conditions and / or uncontrolled release. Significant environmental impact beyond the site boundary unlikely to last beyond 12 months. Recovery /rehabilitation requires external aid.	More than €2.000.000 less than €5.000.000 Significant damage extending to several areas/significant impairment of installation / equipment integrity	Schedule impacted more than 48 hours but less than 7 days.	Production revenue loss is more than 1 week but less than 1 month
<b>5 – CATASTROPHIC</b>	Multiple Fatalities / Multiple Serious Injuries, Likely to prevent operational Safety Case acceptance	Massive and uncontrolled release with significant environmental impact extending well beyond site boundary. Chronic pollution resulting in damage lasting more than 12 month.	Over €5.000.000 Extensive damage (multiple fire/explosions) or loss of installation	Schedule impacted +7 days	Production revenue loss is more than 1 month

PROBABILITY		PROBABILITY					
PROBABILITY		SEVERITY	A	B	C	D	E
<b>A – VERY UNLIKELY</b>	To the best knowledge of the risk assessment team the hazard has not occurred within the industry	1	1A	1B	1C	1D	1E
<b>B – UNLIKELY</b>	To the best knowledge of the risk assessment team the hazard has occurred within the industry at least once	2	2A	2B	2C	2D	2E
<b>C – POSSIBLE</b>	To the best knowledge of the risk assessment team the hazard occurs annually within the industry and/or SAL	3	3A	3B	3C	3D	3E
<b>D – LIKELY</b>	To the best knowledge of the risk assessment team the hazard regularly occurs more than once a year in SAL	4	4A	4B	4C	4D	4E
<b>E – VERY LIKELY</b>	To the best knowledge of the risk assessment team the hazard is predicted to occur at least once during course of the work unless changes are made	5	5A	5B	5C	5D	5E



# Klassische Risikoquellen

- Fehlinformation
- Termindruck
- Routine
- Wartungsmängel
- Überschätzung der eigenen Möglichkeiten
- Kommunikationsmängel

