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EPSC Webinar

Wednesday 7th December 2022

15.00 – 16.00 (CET)

14.00 – 15.00 (GMT)



TÜVRheinland[®]
Risktec

EPSC webinars facilitated by knowledgeable solution providers offer the opportunity to learn and discuss on a specific safety topic.

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Making the Most of the Risk Assessment Matrix (RAM)

An understanding of the benefits and limitations of the various forms of the RAM are vital to conducting accurate and worthwhile process safety studies.

This webinar discusses the use of the RAM in detail, particularly the issues around the use of qualitative vs quantitative data on the axes, and how this affects the ability to utilise the RAM in process safety situations, for example during a HAZOP.

Aspects to be discussed in an interactive setting

- What is the RAM and what can they look like
- Using the RAM – variables and risk levels
- Unmitigated and residual risks
- How many is too many

Severity Rating	Consequence				Frequency (per year)			
	People	Assets	Environment	Reputation	A	B	C	D
					>15.0	10.0 to 15.0	10.0 to 10.0	>10.0 per year
0	Zero injury	Zero damage	Zero effect	Zero impact	Manage for continued improvement			
1	Slight injury	Slight damage	Slight effect	Slight impact				
2	Minor injury	Minor damage	Minor effect	Limited impact	Implement risk reduction measures			
3	Major injury	Local damage	Local effect	Considerable impact				
4	Single fatality	Major damage	Major effect	Major national impact	Failed to meet screening criteria			
5	Multiple fatalities	Extensive damage	Massive effect	Major international impact				

