

Case History presentations (13.09.2024)

Max 10 minutes per group

Questions:

What is the chain of event and what are the causes for the incident?

Which barriers failed (technical, organizational?) Why did the accident not happen before?

What is the origin for the released energy (the consequences)?

What appropriate risk reducing measures (barriers) would be required to restart the production? How would they hinder the chain of event of the incident?

What type (technical, organizational) of barriers are those?

What are the potential problems linked with these measures?

Date	Case Study	Student	Student	Student
20.09.2024	13: BP America	Barabino Francesco	Gorgeon Anastassia	Roudaut Arthur
20.09.2024	02: Distillation	Bardin Charlotte	Gruson Thomas	Ryser Jonathan
18.10.2024	18: Texas Tech	Blanc Pauline Marie-Charlotte Louisa	Chen Cheng-Yang	
18.10.2024	03: DMSO	Ceccucci Anna	Jaussi Valentine	
01.11.2024	16: Heat exchanger	Coulibaly Thomas-Emmanuel	Jenni Nicolas	Dumond Léo
01.11.2024	19: Toxic release	De Limburg Stirum Ferdinand	Joannes Jérémy	
15.11.2024	08: Amination	Djukic Marija	Lin Yuqin	Scarpelli Federica
15.11.2024	20: Optima Belle	Saix Louis	Mpirwa Mylène	Tran Emilie
29.11.2024	14: Buncefield	Etique Juliette	Nonnet Mathéo	Vanderkerken Matthias
29.11.2024	09: Ink dust explosion	Gaillard César	Pankiv Marko	Villatte Tom
13.12.2024	17: Metal dust Flash Fires	Ghanem Zahraa	Piccaluga Costanza	Youssef Michel
13.12.2024	10: Static spark	Gonzalez Villaverde Ana	Rafla Moheb	Zergot Fatima