

Introduction 30 min

- A video to understand all in 2 min
- Objectives of the training
- Documentation (NFPA, FMDS)
- Risk management strategy for Ignitable liquids: SLOP strategy

Theory 30 min

- Definition (NFPA, CLP, FM DS)
- Understanding the terms combustible, flammable and ignitable
- Understanding hazardous liquid classification: ignitability alone does not define a hazardous liquid for operators

Reality 30 min

- A few process and storage incidents to illustrate the consequences

Process risks and risk reduction methods 1h30

- Leaks
- Spillage
- Flare-up and explosion
- Electrostatics, conductivity (definitions and thresholds)
- Transportation
- Ventilation
- Self-fermentation
- MAQ concept
- Some basic risk reduction measures
- Fire protection?

Focus on a few processes, examples 01h

- Press and hydraulic unit
- F&B: cleaning, fryer, process (chocolate, pastry, processed cheese, preparation etc.)
- Thermal oil heater
- Chemical reactor
- Distillation column
- Paint booths

Storage area 02h

- A quick review of the main challenges and what influences fire behavior
- Metal
- Plastic and glass
- Volume
- Miscible
- Polarity
- What can be protected, what can't
- Tank storage: understand in a few slides that these are very different subjects

- Metallic drums
- Focus on plastic drums and IBC

## Contact

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