

EPSC Movie Initiative

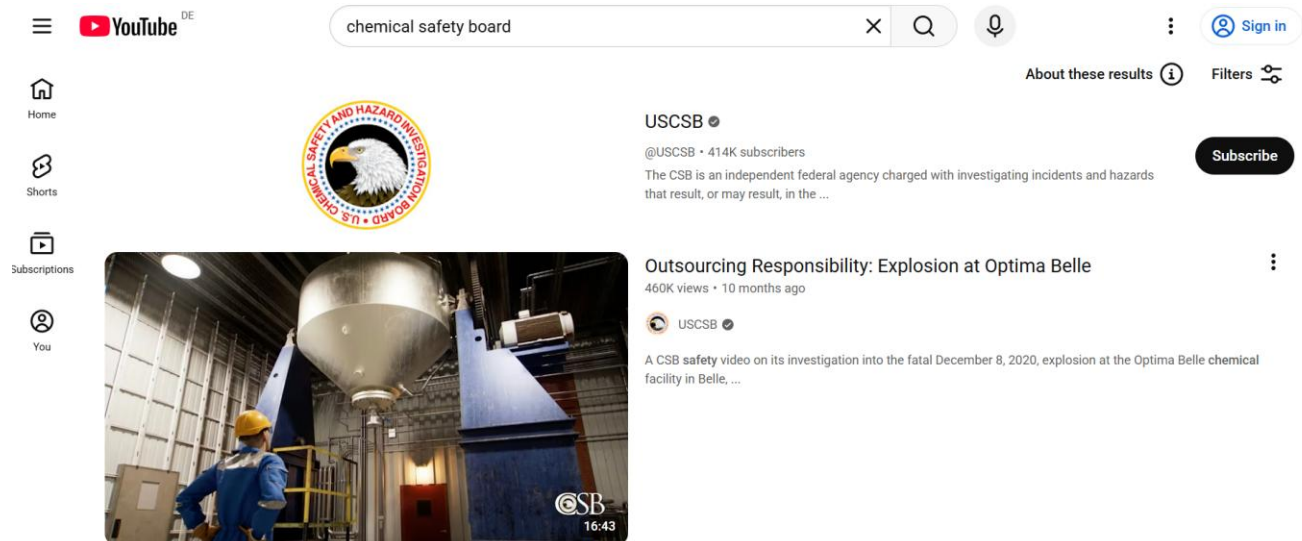
AGM 2026

Randy Garabedian, Chair of Board



Why a video initiative?

- The U.S. Chemical Safety and Hazard Investigation Board (CSB) produces well-known safety videos and documentary-style films about real industrial accidents.
- The movies are freely available and cover some well-known incidents.
- They are high-quality, engaging, and informative.
- They are often used to train personnel in the chemical processing industry.



The screenshot shows a YouTube search results page for the query "chemical safety board". The search bar at the top contains the text "chemical safety board" and includes icons for search, voice search, and filters. Below the search bar, the YouTube navigation menu is visible on the left, with icons for Home, Shorts, Subscriptions, and You. The search results show a video from the channel "USCSB" (414K subscribers). The video title is "Outsourcing Responsibility: Explosion at Optima Belle" and it has 460K views and was uploaded 10 months ago. The video thumbnail shows a worker in a blue protective suit and yellow hard hat standing next to a large industrial tank in a factory setting. The CSB logo is visible in the bottom right corner of the video frame.

Why another video initiative on-top of existing? Limitations of CSB videos?

- Geographic & Regulatory Relevance
 - CSB videos are US-centric — they reference OSHA PSM, EPA RMP, and US regulatory frameworks, which don't map directly to EU/SEVESO Directive, ATEX, or national regulations familiar to European audiences
 - Incident sites, company names, and cultural context are all American, which can create psychological distance — "that wouldn't happen here" thinking
 - European operators may find it harder to relate to US industrial culture and regulatory language
- Intellectual Property & Usage Restrictions
 - While CSB videos are publicly available, EPSC or member companies cannot modify, rebrand, or adapt them for specific training purposes
 - They cannot be embedded seamlessly into e-learning platforms
 - No ability to add content or further explanations or multilingual subtitles without permission

Why another video initiative on-top of existing? Limitations of CSB videos?

- Language & Accessibility
 - All CSB content is in English only — a significant barrier for EPSC members operating in Germany, France, Netherlands, Belgium, Italy, Spain, etc.
 - No official translations or dubbed versions exist for operator-level training in local languages (although the automatic translation feature is available and “not terrible”)
- Content Gaps
 - CSB only investigates US incidents —significant European incidents are not covered
 - Some industry sectors prominent in Europe (e.g., pharmaceutical manufacturing) are underrepresented in CSB's catalog
 - CSB videos don't reference European best practices, standards, or industry bodies
 - CSB videos are primarily investigative/journalistic in style — they weren't designed specifically around training frontline operations personnel

What could EPSC offer?

- EPSC has promoted the Process Safety Fundamentals (general for chemical industry and specific for food and pharma industries)
- While the material is good for developing PowerPoint slides, it lacks the impact and direct applicability to frontline personnel
- The concepts are presented abstractly and don't "touch the hearts" of the people being trained
- EPSC has the opportunity to create more engaging training content through the use of videos inspired by the positive aspects of the CSB videos

"PSFs in Action" Video Series

- There are many options that we could explore with the main goal of making PSFs accessible and understandable for the frontline personnel -> **make them real, make them personal**
- **Potential ideas (working group to clarify):**
 - **Produce or commission animated incident reconstructions**

Similar to CSB's style, short (5–15 min) animated videos reconstructing European or global incidents, explicitly linking each failure point to a specific PSFs that were absent or poorly implemented.

Create a "PSF Lens" commentary format
 - **"What Good Looks Like" counterpart videos**

Pair each incident video with a short positive example showing a site correctly applying the PSF — reinforcing the standard, not just the failure.
 - **Interactive e-learning modules**

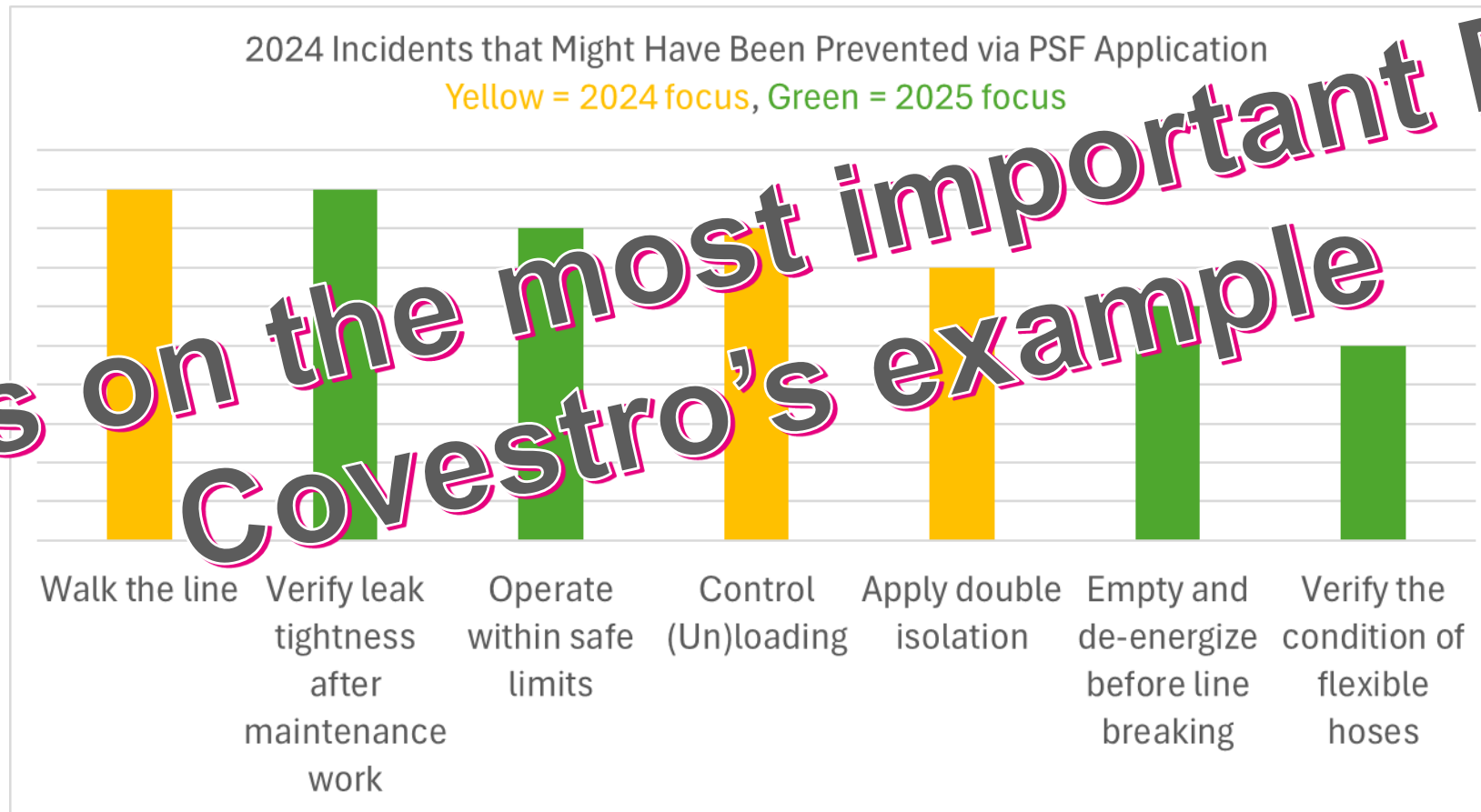
Use incident scenarios as the basis for scenario-based e-learning, where learners must identify which PSF was missing and what the correct action should have been.

Learning from 2024: How PSFs Prevent Spills

When properly applied, Process Safety Fundamentals can prevent or minimize the quantity of spills.

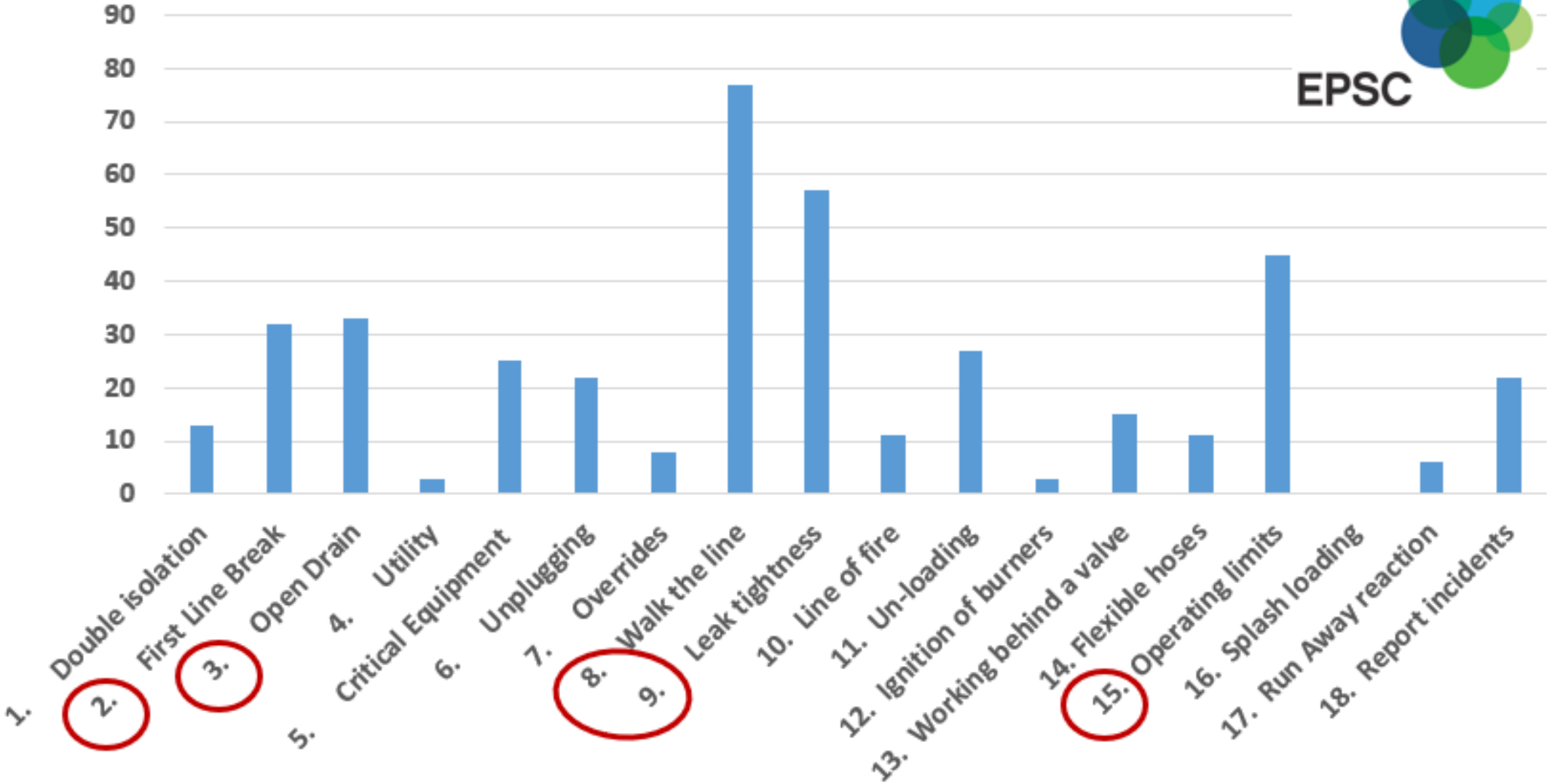
Looking at spills from 2024, we found that applying Process Safety Fundamentals could have stopped many of them from happening. The top seven identified Process Safety Fundamentals are shown below:

**Focus on the most important PSFs:
Covestro's example**



23 companies reported on PSF
with total 410 PSF contributions

Statistics on EPSC Process Safety Fundamentals



What are the next steps?

- Volunteers needed!
 - Team lead(s): someone with passion for PSFs and frontline training
 - Supporting team members with similar convictions
 - Please send your interest to Tijs (operations.director@epsc.be) and MOS office (office@epsc.be)
- Once volunteers are identified:
 - Form team and develop a working group charter
 - Develop scope for “pilot” movie
 - Hire an external resource to produce the movies according to the team’s direction