

Training Curriculum in Process Safety (PS-02)

A Training Curriculum is a knowledge development path recommended by the Industrial HSE in order to ensure the homogeneity of in-house competencies in Health, Safety & Environment throughout the Solvay Group.

A list of the available Training Curricula in other HSE domains, as well as HSE transversal knowledge is available [HERE](#).



Who should follow this training curriculum?

- Any HSE Manager:
 - ★ in Sites (incl. Site Mgrs.)
 - ★ at corporate level (incl. HSE liaisons with Sites)
- Production Managers



Key / Essential knowledge (mandatory)



SOLVAY PROCESS SAFETY Procedures & Guidelines :



Process Safety Management Procedure [IND-HSE-PS-03-PRO](#) : [Onboarding](#) + [related Guidelines](#)

(+ Formal Procedure [IND-HSE-PTS-03](#) in place for the Low Seveso Sites until the above PS-03 is fully implemented (Q4 2021))



Risk Analysis in Process Safety Procedure [IND-HSE-PS-10-PRO](#) + [related Guidelines](#)



COUNTRY specific:



Regulations about PS (legal compliance)



[Mandatory training](#) in PS



SITE main procedures:



Management system



Risk assessment



Management of change



Maintenance program



IT tools (e.g. action tracking, MOC)



HSE TRANSVERSAL TOPICS: [Key/Essential knowledge \(mandatory\)](#) (K/E; lower half of the table; columns related to Domain Expert /Specialist)



REPORTING OF PROCESS SAFETY INCIDENTS : s ee above [HSE TRANSVERSAL TOPICS](#)



Other useful Information



[Process Safety Trainings](#) (Ind. Academy)

We recommend to watch the following elearning modules:

Ref.	Title	Time min.	Ref.	Title	Time min.
PS-30.2	Why Process Safety	6	PS-37.4	Introduction to classified explosive zones	23
PS-32.1	Introduction to combustion	6	PS-37.5	Do's and don'ts in explosive zones	18
PS-33.1	Introduction to gas explosions	28	PS-37.6	Reduction of risk of fires and explosions	28
PS-34.1	Introduction to physical explosions and implosions	16	PS-43.3	Writing and assessing a hazard scenario	21
PS-35.2	Introduction to dust explosions	21	PS-43.4	Drawing up a Risk Sheet	25
PS-36.1	Introduction to condensed explosions	16	PS-43.5	Completing a Risk Sheet	30



[Process Safety IHS Pages](#)



[Solvay's Process Safety Guidelines](#)



[PS lesson learned bulletins](#)



[Process Safety Risk 1 Sheet](#) (restricted access) + [presentation](#)



[Process safety Expertise Forums](#)



[Process Safety Management \(PSM\) forum](#) (Ggroup)



SAFETY and Other HSE TRANSVERSAL TOPICS: [Useful Information \(suggested\)](#) (see "UI" in the lower half of the table; column Domain Expert/Specialist)



Info

Questions or comments: please contact [Jean-Luc Revel](#)