

Risk Protection Officer Training

	Day 1 Monday	Day 2 Tuesday	Day 4 Wednesday	Day 5 Thursday	Day 7 Friday
Start: 09:00	Introduction Overview Videos (failures & claims)	Production & Packaging	Fire protection standards & defence	Group 1: Plant tour Group 2: Explosion & Security	Best practice Self Check & Plant tour FAQ
Coffee break					
	Fire characteristics	Infrastructure	Fire protection construction & technical solutions	Group 1: Plant tour Group 2: Business Interruption	Best practice Templates & risco®- FAQ
Lunch break					
	Legal situation, Standards	Storage	Fire protection organisation	Group 1: Explosion & Security Group 2: Plant tour	EXAMINATION
Coffee break					
End: 17:00	Insurance & Statistics	Natural hazards	Best practice Self Checks	Group 1: Business Interruption Group 2: Plant tour	

- Note: Break times and content may be adjusted during the training.

- Daily schedule: 09:00 – approx. 17:00

- Thursday: Participants will be divided into two groups (plant visit/training), switching after lunch.

Risk Protection Officer Training

Time table

Day 1 Monday

INTRODUCTION – OVERVIEW, FAILURES AND LOSS CASES

- Role and responsibilities of the Risk Protection Officer
- Structure and objectives of the training
- Real industrial loss cases (failures and insurance claims)
- Raising awareness of escalation paths and key loss drivers

FIRE CHARACTERISTICS AND STATISTICS

- Fundamentals of combustion and fire development
- Ignition sources and fire dynamics
- Statistics and trends in industrial fires
- Typical causes: electrical, hot work, mechanical, human factors

LEGAL FRAMEWORK AND STANDARDS

- Overview of international fire protection legislation
- Key standards (EN, NFPA, FM, VdS, TRVB)
- Differences between regulatory compliance and best practice
- Authority requirements vs. insurance protection objectives

INSURANCE AND LOSS STATISTICS

- Property insurance and business interruption insurance
- Structure of insurance coverage and typical exclusions
- Policyholder obligations before and after a loss event
- Importance of documentation, inspections, and deficiency management

Day 2 Tuesday

PRODUCTION AND PACKAGING

- Fire and explosion risks in production processes
- Machine-related risks and process-related ignition sources
- Importance of maintenance and monitoring
- Introduction to Management of Change (MoC)

INFRASTRUCTURE

- Risk assessment for changes to infrastructure
- Electrical installations, utilities, and building services
- Identification of hidden risk increases
- Practical exercises for evaluating changes

Day 2 Tuesday

STORAGE

- Fire and loss scenarios related to storage
- Commodity classes and the influence of packaging
- Risks of block storage compared to racked storage
- Impact on sprinkler systems and fire spread

NATURAL HAZARDS

- Floods, storms, hail, snow, earthquakes, and lightning
- Site-specific risk assessment
- Preventive and organisational measures
- Emergency planning and documentation

Day 3 Wednesday

STANDARDS AND FIREFIGHTING MEASURES

- Holistic approach to fire protection systems
- Organisational, structural, technical, and firefighting measures
- Fire brigade access and water supply
- Selection and coordination of standards

STRUCTURAL FIRE PROTECTION AND TECHNICAL SOLUTIONS

- Fire compartments and fire resistance
- Detection, alarm, and extinguishing systems
- Smoke and heat exhaust systems
- Maintenance and inspection requirements

FIRE PROTECTION ORGANISATION

- Organisational structures in fire protection
- Impact of changes on fire protection systems
- Practical scenarios of organisational risks
- Alignment between organisation and technology

BEST PRACTICES AND SELF-INSPECTIONS

- Structured self-inspections in fire protection
- Documentation and tracking of deficiencies
- Continuous improvement process
- Involvement of management

Day 4 Thursday

PLANT TOUR AS WELL AS EXPLOSIONS AND SAFETY

- Practical on-site risk assessment (Group A)
- Explosion risks and fundamentals of hazardous area classification
- Ignition sources and preventive measures
- Interface between fire, explosion, and safety
- Practical industrial examples

PLANT TOUR AND BUSINESS INTERRUPTION

- Practical on-site risk assessment (Group A)
- Fundamentals of business interruption
- Bottlenecks and critical dependencies
- Typical BI drivers after fire or incident
- Introduction to business continuity planning

IN THE AFTERNOON, THE GROUPS WILL SWITCH

- (Group A: training, Group B: plant visit)

Day 5 Friday

SELF-INSPECTION AND FAQ'S ON PLANT TOURS

- Practical identification of risks on site
- Risk indicators for fire, explosion, and business interruption (BI)
- Typical deficiencies and best practices
- Observation and evaluation skills
- Structured analysis during inspections
- Linking on-site observations with standards
- Documentation of findings

BEST PRACTICES – TEMPLATES AND *risimo*® FAQ

EXAMINATION

- Questions & answers and clarification of key topics
- Summary of the main learning points
- Written examination

All documents (presentations, self-check documents, manuals, etc.) will be provided via our learning platform academyriskonmind.eu.