

SPECIALIZED COURSE
**EMERGENCY
MANAGEMENT
& RESPONSE**

26 – 30 April 2027

ANTWERP | HYLLIT HOTEL



essenscia
PROCESS
ACADEMY

DEAR MEMBER,

essenscia herewith presents the details of the Specialized Course on Emergency Management and Response organized by the essenscia Process Academy, essenscia and the essenscia Chair of Safety Engineering.

To register, [please click here.](#)

For additional information, please feel free to contact Mr. Geert Boogaerts at gboogaerts@essenscia.be.

Context

Process Safety and its associated engineering disciplines are designed to prevent incidents and mitigate the consequences of incidents that cannot be avoided. To be prepared for when things do go wrong, industrial sites will always have emergency response incorporated in their safety management system. Therefore, Emergency Response Management is a dedicated activity within the organization of a company.

Over the last decades, the level of Process Safety has significantly improved, resulting in a reduction of incidents. Nevertheless, emergency response still has to be available 24/7 and have high levels of performance when an incident does occur. The same is applicable to the equipment and systems used to control the effects of these incidents.

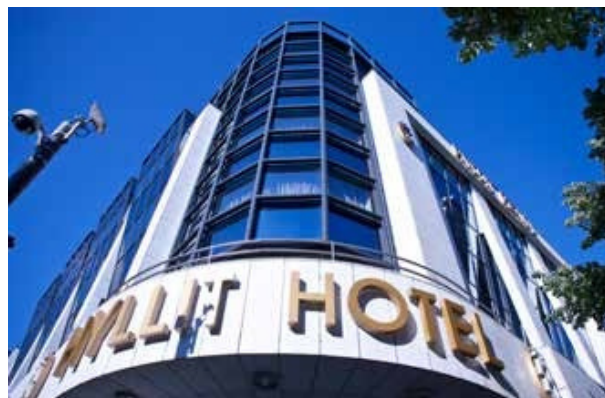
Aim

It is the goal of the essenscia Process Academy to deliver a specialized course during which most relevant aspects of emergency response management are addressed, ranging from the design of process installations to the actual response activities.

This course, taught by specialists in their discipline, illustrates the importance of identifying the parameters that can affect various stages of industrial incidents and how emergency response can be organized effectively.

We emphasize the importance of tight collaboration between process engineers and on-/off-site emergency response in identifying the best response strategy for these incidents. Therefore, this course provides practical, real-world insights from industry experts and emergency services professionals.

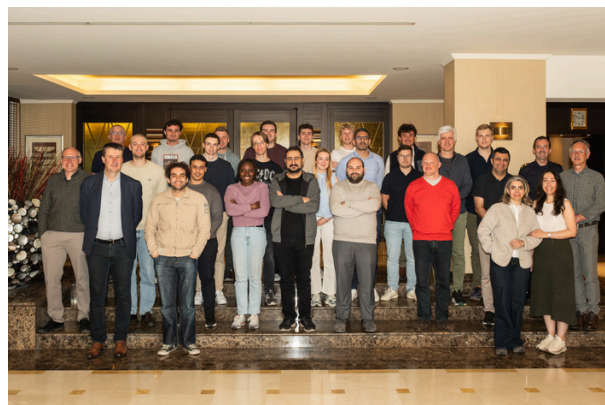
The fifth day addresses a specific aspect of Emergency Response Management focusing on road transport related incidents with hazardous materials. General information concerning transport legislation is also incorporated in the course material.



Target Audience

This program is aimed at all stakeholders involved in providing information for setting up pre-incident plans, preparation and execution of Emergency Response Management and those seeking a comprehensive overview on Emergency Response Management.

This course is an integral part of the Master of Safety Engineering at KULeuven and the University of Antwerp.



26 – 30 April 2027

ANTWERP
HYLLIT HOTEL

SPECIALIZED COURSE ON:
EMERGENCY
MANAGEMENT
& RESPONSE

DAY TO DAY OVERVIEW OF THE PROGRAM:

08:00 – 17:00

DAY 01



MONDAY 26 April 2027

Emergency response and planning



Welcome speech

Geert Boogaerts, Director Sustainability and Safety, essenscia
Why emergency management?



Emergency planning

Peter Wittevrongel, Safety Engineer, Notified Expert, Vinçotte
What can we model?



Emergency response

Frederik Vercruysse, Chief of Operations, Fire Department Antwerp
Involvement of the public services



Emergency management

Gert van Bortel, Vice President Emergency Response, BASF Ludwigshafen
A professional emergency commander point of view

**“Critical parameters
are essential to limit
the consequences
of an incident.”**

ANTWERP FIRE BRIGADE

DAY 02



TUESDAY 27 April 2027

Emergency management and design



Root cause analysis of process safety incidents

Geert Vercruysse, Head of Global Process Safety, BASF
Integrated versus stand-alone emergency management approaches



The essentials: Product parameters

Prof. Vera Meynen, Associate Professor Department of Chemistry, University of Antwerp
To know by heart

HOST CITY

Antwerp

LOCATION

Hyllit Hotel
De Keyserlei 28-30

LUNCH

3 course business menu

REGISTRATION FEE

Member: 2700€
Non-member: 3200€

REGISTRATION LINK

[click here](#)



DAY TO DAY OVERVIEW OF THE PROGRAM:

08:00 – 17:00

DAY 03



WEDNESDAY 28 April 2027

Emergency management



Stakeholder communication

Caroline Sapriel, Managing Partner, CS&A International

Preparation is key to success

DAY 04



THURSDAY 29 April 2027

Emergency response and mitigation



Kinetics of a Nuclear Accident

Els Thoenen, Director Radiological Expertise, Engie Electrabel

How disciplines contribute to prevention, analysis, and response



Anti-dota

Jonas Moens, Reference Specialist, Belgian Poison Centre

The essentials



Trauma

Katleen De Bont, Consultant on Psycho-social Wellbeing, Pulso Group

Are you prepared?



DAY 05

FRIDAY 30 April 2027

Emergency notification and transport legislation



Introduction to the transport of dangerous goods

Johan De Waele, Dangerous Goods Safety Advisor

ADR, ADN, ...



Introduction to the International Safety Guide for Oil Tankers and Terminals

Niels Vanlaer, Harbor Master, Port of Antwerp, Bruges

Are we prepared?



Site visit at Oiltanking Antwerp

Pieter De Grauwe, HSSE Manager, Advario

A real life visualization

**"Secure
communication
during an
emergency is
essential to mitigate
the consequences."**

ESSENSCIA

