DEAR MEMBER,

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

Emergency response management

Process Safety and Process Safety Engineering are used to prevent incidents from occurring and to mitigate the effects of incidents which could not be prevented. 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 Process Safety 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. The fifth day addresses a specific aspect of Emergency Response Management focussing on road transport related incidents with hazardous materials. General information concerning transport legislation is also incorporated in the course material.

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

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 who can benefit from an overall view on Emergency Response Management.

Governance board and steering committee

- MSc. Ivan Pelgrims, President Process Safety Academy, Director, Evonik
- MSc. Koen Colpaert, HSE Group Process Safety Manager, Borealis
- MSc. Kris Deboutte, Global SHE Manager, INEOS
- MSc. Filip De Proft, EHS Director Campus Belgium, Johnson & Johnson Innovative Medicine
- MSc. Benny Ghoos, Senior Operations Support Manager, Johnson & Johnson
- MSc. Nico Hertoghe, Core Safety Engineering, ExxonMobil Research & Engineering
- PhD. MSc. Pol Hoorelbeke, Vice President Safety, TotalEnergies
- MSc. Marnix Mahieu, Managing Director, Kronos
- Msc. Inge Van Der Meeren, AMPP Plant Manager, ExxonMobil
- MSc. Frank Quaeyhaegens, Head of Technical Services, Covestro
- MSc. Stephen McGrady, EHS BL Director, GSK UK
- MSc. Geert Vercruysse, Process Safety Expert, BASF
- MSc. Jan Weckx, Antwerp Process Safety Lead, Bayer Agriculture
- Yves Verschueren, Managing Director, essenscia
- Ann Wurman, Director, essenscia Flanders
- Frédéric Druck, Director, essenscia Wallonie & Brussels

Lecturers

- MSc. Geert Boogaerts, essenscia
- ir. Geert Vercruysse, BASF, Antwerp
- ir. Gert Van Bortel, BASF, Ludwigshaven
- Kees Kappetijn, Kappetijn Safety Specialists, Rotterdam
- MSc. Peter Wittevrongel, Vinçotte, Vilvoorde
- Prof. Vera Meynen, University of Antwerp
- MSc. Niels Vanlaer, Port of Antwerp, Bruges
DAY TO DAY OVERVIEW OF THE PROGRAMME:

08:00 – 17:00

**MONDAY 13 MAY 2024**

**Emergency management and design**

- **Welcome speech**
  - Geert Boogaerts, Director Sustainability and Process Safety, essenscia
- **Why emergency management?**
- **Root cause analysis of process safety incidents**
  - Geert Vercruysse, Process Safety Expert, BASF Antwerp
- **Integrated or add-on**
- **Emergency management**
  - Gert van Bortel, Vice President Emergency Response, BASF Ludwigshafen
  - A professional emergency commander point of view

**TUESDAY 14 MAY 2024**

**Emergency response and planning**

- **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
- **The essentials: Product parameters**
  - Prof. Vera Meynen, Associate Professor Department of Chemistry, University of Antwerp
  - To know by heart
DAY TO DAY OVERVIEW OF THE PROGRAMME:

08:00 – 17:00

WEDNESDAY 15 MAY 2024
Emergency management

Stakeholder communication

Caroline Sapriel, Managing Partner, CS&A International
Preparation is key to success

THURSDAY 16 MAY 2024
Emergency response and mitigation

An in-house crisis-management organisation starts with an internal expert
Kees Kappetijn, Safety Expert, Kappetijn Safety Specialists, Rotterdam
Who knows company interests during crisis?

Anti-dota
Jonas Moens, Reference Specialist, Belgian Poison Centre

The essentials

Trauma
Lotte van Noyen, Consultant on Psycho-social Wellbeing, Pulso Group
Are you prepared?

FRIDAY 17 MAY 2024
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