

The background of the poster features a blurred photograph of several people in a meeting or workshop setting, overlaid with large, diagonal geometric shapes in shades of orange and teal. The text is prominently displayed in white against the orange background.

SPECIALIZED COURSE MAINTENANCE & SHUTDOWN IN THE PROCESS INDUSTRY

13 – 17 September 2027
GHENT | ZEBRASTRAAT



essenscia
PROCESS
ACADEMY



In collaboration with

DEAR MEMBER,

essenscia herewith presents the details of the specialized course "Maintenance & Shutdown: Towards Asset Management", organized by essenscia's Process Academy in collaboration with the University of Ghent. For additional information concerning these topics, please feel free to contact Mr. Geert Boogaerts (+32 476 906 663 | gboogaerts@essenscia.be). To register, [please follow this link](#).

Program

Maintenance and shutdown are of utmost importance in process safety. Over the last years, we faced the evolution towards asset integrity management driven by performance. Risk based strategies are the corner stone towards an effective maintenance program. Shutdowns are key in upgrading and revitalizing our installations.

During this 5-day specialized course, we focus on all the key aspects related to maintenance and shutdown, starting with discussing degradation mechanisms of materials.

The course is taught by academics and industry specialists from various leading companies in our industry, tackling each in their discipline a key aspect in maintenance and asset management.

Attendees

This course has been designed for professionals with industry experience for whom understanding and applying maintenance and shutdown will be an integral part of their jobs and who would benefit from an overall and in-depth view on maintenance and shutdown in the process industry.

This specialized course offers the essentials of asset management in the process industry as the foundation for process safety.



DAY TO DAY OVERVIEW OF THE PROGRAM:

08:30 – 17:00

DAY 01



MONDAY 13 SEPTEMBER 2027

Key concepts



Welcome speech

Geert Boogaerts, Director Safety and Sustainability, essenscia
Asset Management: the corner stone for process safety



Maintenance and asset management standards applied in the chemical industry

Werner Van Acker, Manager Technical Governance, Evonik
A global framework



Tribology

Prof. Dieter Fauconnier, Department of Electromechanical, Systems and Metal Engineering, UGent
More than lubrication



Environment-driven degradation mechanisms of materials

Prof. Kim Verbeken, Department of Materials, Textiles and Chemical Engineering, UGent
The starting point



Mechanical integrity: standards and inspections

Thomas Beirnaert, Engineer Quality, Inspection and Materials, BASF
Jeroen Moens, Design Review Engineer, BASF
The foundation

DAY 02



TUESDAY 14 SEPTEMBER 2027

From asset integrity to analyzing the root cause and operation window



Damage analysis

Dirk Bracke, Machine Technology Manager and Projects, INEOS Oxide
It won't happen again



Asset integrity: rotating equipment

Dirk Bracke, Machine Technology Manager and Projects, INEOS Oxide
More than lubrication



Integrity operations window and reliability elements

Peter Verdonck, Head of Operations & Venture Manager Aniline Expansion Project, Covestro NV
Root causes and large volume elements



Corrosion under insulation

Gino de Landtsheer, Senior Group Expert Piping and Valves, Mechanical Team Leader Asset Technology, Borealis
A sniper to catch

HOST CITY

Ghent

LOCATION

Zebrastraat 32, 9000 Ghent

REFRESHMENTS

8am welcome coffee

2-course business lunch

REGISTRATION FEE

€2700 members / €3200 non-members

REGISTRATION LINK

To register, [please click here](#)



DAY TO DAY OVERVIEW OF THE PROGRAM:

08:30 – 17:00

DAY 03



WEDNESDAY 15 SEPTEMBER 2027

Asset integrity – maintenance is key



Asset management & reliability

Reinoud Dhollander, Technology Manager CP (AM-MM-TAR), BASF

Do we calculate?



Maintenance and testing of functional safety equipment

Jan Luyts, Functional Safety Expert, BASF, Project Lead Functionary, essenscia

Applied strategy



Site visit: rotating equipment

Howden Maintenance Partners

A real-life visualization

DAY 04



THURSDAY 16 SEPTEMBER 2027

Asset integrity – preparation & execution



Maintenance of electrical installations

Koen Goetschalckx, Head of PCT (Process Control Technology), Envalor



Stijn Van Hout, High Voltage Engineer, Envalor

Integrating electrical assets into the maintenance concept



Maintenance during operations

Erik Houben, Static Equipment Engineer, Total Energies, TotalEnergies

Applied strategy



From preparation and planning towards a scheduled execution

Jos Vankevelaer, Asset Management, former BASF

Be prepared for the unforeseen

DAY 05



FRIDAY 17 SEPTEMBER 2027

Innovation and plant turnover



Plant hand-over

Bart Ivens, TA Managers Refining and Chemicals, TotalEnergies

An essential step



Preventive maintenance on turbines and innovations

Xavier Degive, Service Portfolio Manager Delivery Lead Generation, ENGIE Laborelec

Can we monitor?



Innovation in maintenance and shutdown

Tom Jacobs, Projectleader ALC Data Management–OneCAE-Technical Services, Evonik



Benny Lauwers, Founder, Storalytic

Organizational and technical innovations