Master MIPET
industrial plant engineering and technologies

MIPET

Operative Modules

www.itim.unige.it/mipet/modules

Facoltà di Ingegneria Università degli Studi di Genova
CONFINDUSTRIA GENOVA
Ordine degli Ingegneri della Provincia di Genova

MIPET Operative Modules are devoted to transfer knowledge and capabilities on specific specific issues related to Industrial Plant Engineering & Technologies.
The MIPET Operative Modules are open to Engineers and Technicians and include lectures, exercises, case studies, simulations and role play games coordinated by Academic and Technical Experts coming from Leading Universities and Companies

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Engineering Standards & Regulations

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Operative Module of MIPET

Industrial Plant Engineering & Technologies

Objectives

Engineering Standards & Regulations is devoted to organically present the existing and future norms to be adopted for the design and construction of Industrial plants; the course provides knowledge for supporting problem solving for companies facing for the first time regulations and codes in National and International industrial plant projects

Course Attendees

Engineering Standards & Regulations is designed for young engineers, specialists and professionals active in Industrial Plants enabling them to make use of the state-of-the-art norms, codes and standards for the design of equipment and systems.

Structure and Approach

This modules is organized as a 35 hours course to be completed in 5 days by interactive sessions with experts coming from Industry and R&D. The approach includes lecturing, case studies, exercises, experiences, RPG, competitive and cooperative simulations

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Standards & Regulations

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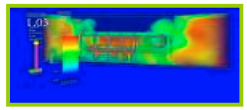
- Large Industrial Plants: an Overview on Standards, Regulations and Administration Authorization Processes along Project Life Cycle
- Case Study on Impact of International Regulations on Industrial Plants with Special Attention to Directive 2006/42/CE, ATEX, PED.
- Quality Assurance and Control in Industrial Plants
- Quality, Safety and Environment Integrated Management in term of standards and regulations
- Environmental Impact Evaluation
- Introduction on Fire Safety and Explosion Risk for Industrial Plants. Risk Analysis for Fires and Explosions: methods, documents and classification
- Safety Concept. Innovative Engineering Solutions for Fire and Explosions in Industrial Plants. Combination of Explosion/Fire Risks
- Fire Safety and Explosion Simulation
- Actions: organization, prevention, protection and mitigation solutions
- EXPLOSAD (Experience on Process Plant Safety Design): Case Study based on Simulation applied to fire and explosion protection applied to an industrial plant



Each Operative Module includes a knowledge assessment and the attendees successfully completing each single Module receive a certificate from Genoa University. The Educational Material specific of the course is provided to each attendee

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Academia, Institutions & Industries

MIPET ORGANIZERS & SUPPORTING INSTITUTIONS

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Università degli Studi di Genova

DIME

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References

For Additional Info:

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MIPET Operative Modules

MIPET Thematic Modules

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