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92671 Courbevoie, France
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Email: pmc@epc365.com
Web: www.pmc.services

From : Malak BOUDISSA
PMC OilPro, Training Coordinator

To : Training Manager

Good Day,

I am pleased to inform you that we are organizing Safety Engineering Training Workshops worldwide to discuss the following topics:

Title of Training Workshop	Duration
Fundamental of the Safety Engineering	2 Days
Risk Assessment & Risk base Engineering	2 Days
Identification of Safety Critical Elements (SCE)	2 Days
Development of the Performance Standards	2 Days

The trainer of these workshops will be Mr. Frédéric Salimi, who was the Lead Safety Engineer of the Timimoun project in Algeria.

Mr. salimi has a master degree in prevention of major accident from Ecole central Paris. During the workshop Mr. Salimi will share with the participants the lesson learned of the Timimoun project.

I enclosed the detail of training workshops and the CV of Mr. Frédéric Salimi.

We will be pleased to welcome your project team in these training workshops.

I am at your disposal if you need more information.

Kind regards

Malak BOUDISSA
PMC OilPro
Training Coordinator



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Fundamental of the Safety Engineering

Lecturer: Frederic Salimi

Course Duration: 2 days

Target Trainee:

This program is well suited to Safety Engineers, Process safety Engineers, Plant managers, Safety supervisors, Process Engineers, and discipline Engineers.

Description:

The objective of this course is to give a practical training about safety engineering such as:

- Safety Concept
- Active & Passive Fire protection philosophy.
- Fire & Gas detection philosophy.
- Layout drawings for firefighting systems
- Layout drawings for fire & gas detection systems
- P&ID for fire water and foam systems
- Cause and effect diagram of Fire & Gas detection systems
- Fireproofing zone maps
- Hazardous equipment identification list

Environment:

EPC365, PowerPoint Presentation with handouts User group discussions

On the job training: 3 months expert support with EPC365

Cost: 1000€/Person

Date: Workshop will be held if more than seven trainee are registered.

Venue: Company premises

Tel : +213 (0)21 98 51 38

Fax : +213 (0)21 89 12 81

Email: pmc@epc365.com

Buy Online : <http://www.epc365.com/c1.html>

Risk Assessment & Risk base Engineering

Lecturer: Frederic Salimi

Course Duration: 2 days

Target Trainee:

This program is well suited to Safety Engineers, Process safety Engineers, Plant managers, Safety supervisors, Process Engineers, and discipline Engineers.

Description:

The objective of this course is to give a practical training about Risk Based engineering such as:

- HAZID
- HAZOP
- SIL
- PRA, DRA and QRA
- Risk Reduction Workshop
- Plant Layout Optimization
- ALARP demonstration

Environment:

EPC365, PowerPoint Presentation with handouts User group discussions

On the job training: 3 months expert support with EPC365

Cost: 1000€/Person

Date: Workshop will be held if more than seven trainee are registered.

Venue: Company premises

Tel : +213 (0)21 98 51 38

Fax : +213 (0)21 89 12 81

Email: pmc@epc365.com

Buy Online : <http://www.epc365.com/c2.html>



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Identification of Safety Critical Elements (SCE)

Lecturer: Frederic Salimi

Course Duration: 2 days

Target Trainee:

This program is well suited to Safety Engineers, Process safety Engineers, Plant managers, Safety supervisors, Process Engineers, and discipline Engineers.

Description:

The objective of this course is to give a practical understanding of the methodologies that may be used to identify Safety Critical Systems, Subsystem and Elements. The following subjects will be discussed:

- Major Accident Hazard; definition, examples, compliance with regulations.
- Qualitative method for determination of the SCEs including:
 - Brainstorming session methodology and example
 - Safety Criticality Criteria
 - Required supporting documents and evidences
 - Action tracking, follow up
 - SCE Task Management

Environment:

EPC365, PowerPoint Presentation with handouts User group discussions

On the job training: 3 months expert support with EPC365

Cost: 1000€/Person

Date: Workshop will be held if more than seven trainee are registered.

Venue: Company premises

Tel : +213 (0)21 98 51 38

Fax : +213 (0)21 89 12 81

Email: pmc@epc365.com

Buy Online : <http://www.epc365.com/c6.html>



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Development of the Performance Standards

Lecturer: Frederic Salimi

Course Duration: 2 days

Target Trainee:

This program is well suited to Safety Engineers, Process safety Engineers, Plant managers, Safety supervisors, Process Engineers, and discipline Engineers.

Description:

The objective of this course is to give a practical understanding of the methodologies that may be used to identify Safety Critical Systems, Subsystem and Elements. The following subjects will be discussed:

- Major Accident Hazard; definition, examples, compliance with regulations.
- Qualitative method for determination of the SCEs including:
 - Brainstorming session methodology and example
 - Safety Criticality Criteria
 - Required supporting documents and evidences
 - Action tracking, follow up
 - SCE Task Management

Environment:

EPC365, PowerPoint Presentation with handouts User group discussions

On the job training: 3 months expert support with EPC365

Cost: 1000€/Person

Date: Workshop will be held if more than seven trainee are registered.

Venue: Company premises

Tel : +213 (0)21 98 51 38

Fax : +213 (0)21 89 12 81

Email: pmc@epc365.com

Buy Online : <http://www.epc365.com/c7.html>

Resume of Trainer (Frederic Salimi)

Frederic has over twenty years of design and management of petrochemical, oil and gas industries both onshore and offshore. Experience includes Safety engineering, process safety management, Risk Base Design for EPC projects. Expertise also include Safety & Environment code and standard compliance, pipeline Risk Assessment, Critical system identification, performance standard requirements, SIL assessment, HAZOP studies, Qualitative and Quantitative Risk Assessment (QRA). Mr. Salimi has a Master degree in prevention of major accidents from Ecole Central Paris.

Frederic was the Lead Safety Engineer/Technical Safety Engineer of the following projects:

Company (Date)	Title of Frederic SALIMI - project
TOTAL E&P (February 2009 – March 2017)	Lead Safety Engineer-TIMIMOUN project in Algeria and OML 58 in Nigeria
AGIP-KCO (October 2005– February 2009)	Technical Safety Engineer for KASHAGAN DEVELOPMENT EXPERIMENTAL PROGRAM
Parsons E&C (March 2004– October 2005)	HSE Manager for BU HASSA FACILITIES DEVELOPMENT PROJECT- ABU DHABI
SOFREGAZ France (March 2003– March 2004)	-Corporate HSE Manager in Paris -Lead Safety Engineer for Rhourde Nous gas separation and compression project in Algeria -Lead Safety Engineer for BOTAS TGPS PIPELINE PROJECT in Turkey
Parsons E&C Houston office (October 2002 - February 2003)	Lead Safety Engineer for HABSHAN RUWAIS LIQUID SULPHUR PIPELINE PROJECT – ABU DHABI
JOHN BROWN London Office (August 2001 - October 2002)	Principal Safety Engineer for SCP/BTC PIPELINE PROJECT– RUSSIA
KVAERNER Abu Dhabi (April 2001 to August 2001)	PMC HSEQ Engineer for EPCM ADMA-OPCO CONTRACTS FOR GAS INJECTION PROJECT
ADWEA Abu Dhabi (April 2000 - April 2001)	HSE Advisor for WATER & ELECTRICITY REGULATION & SUPERVISION BUREAU
MULTIPLAN Abu Dhabi (December 1998 - February 2000)	Area Manager Middle East for PMC OILPRO Toolkit - ABU DHABI (UAE)
Parsons E&C (May 1998 - October 1998)	HSE Manager for ADNOC- ODG Phase II - ABU DHABI (UAE)
KVAERNER H&G Offshore Ltd in Croydon-UK (Sep. 1995 - May 1998)	Principal Safety Engineer for TRITON FPSO PROJECT Principal Safety Engineer for PHILLIPS - JUDY JOANNE OFFSHORE DEVELOPMENT - GAS INJECTION PROJECT



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Company (Date)	Title of Frederic SALIMI - project
	Principal Safety Engineer for EXXON ARKUTUN-DAGI P.A.D PROJECT
AMEC Process and Energy-London (Nov. 1994 - July 1995)	Senior Safety Engineer for SHELL, PELICAN PROJECT
Multiplan R&F -Paris (Oct. 1993- Nov. 1994)	HSE Advisor for development of PMC OILPRO HSE TOOLKIT
TECHNIP-Paris (Feb. 1988 to Oct. 1993)	<ul style="list-style-type: none"> -Lead Safety Engineer for TOTAL QATAR NORTH FIELD PHASE II -Lead Safety Engineer for PETRONAS, MELAKA SECOND REFINERY AND MARINE FACILITIES -Lead Safety Engineer for SOFRESID, ABOOZAR, BAHREGANZAR, SOROOSH for IOOC Iran -Lead Safety Engineer for BIPC, BANDAR IMAM PETROCHEMICAL COMPLEX Iran -Lead Safety Engineer for ADMA, New 36" MAIN OIL LINE, UAE -Deputy Lead Safety Engineer for BANGCHAK, Plant N° 2 (Thailand) -Deputy Lead Safety Engineer for IOOC, NASR OFFSHORE PRODUCTION COMPLEX, Iran -Technical Safety Engineer for KELLOG, LNG PROJECT FOR NNPC, NIGERIA

Training

PMC OilPro is the approved trainer of ADEPP Academy academy. We offer a unique and unrevealed online, Customized and on the job training packages delivered by experienced and qualified trainers, providing diagnosis of problems and quality solutions.

Customized Training

Please open <http://www.adepp.com> to see the typical demo with dynamic simulations for operators training.

Training Workshops

Here below are our typical workshops:

- [C1: Fundamental of the Safety Engineering](#)
- [C2: Risk base Engineering](#)
- [C3- Process Safety Management](#)
- [C4- HSE Case for the Hazardous Projects](#)
- [C5-Fundamental of the Risk Assessment](#)
- [C6: Identification of Safety Criticals \(SCE\)](#)
- [C7: SCE Performance Standards](#)
- [C8: Fire, Explosion Risk Analysis \(FERA\)](#)
- [C9: Simultaneous Operation \(SIMOP\)](#)
- [C10: Implementation of HSE Management](#)
- [C11: HAZOP Methodology & Case Study](#)
- [C12: SIL Assessment](#)
- [C13: Bow-Tie Methodology for HAZID](#)
- [C14: Dynamic Simulation](#)
- [C15: Project HSE Review](#)



On the Job Training

PMC OILPRO trains the project staff by EPC365 training workspace. For discussion, please open our website at:

<http://www.epc365.com/training.html>

E-Courses

Our typical E-Courses are as follows:

- Safety critical system identification
- Performance Standards

For discussions, open our E-courses in Yammer:

<https://www.yammer.com/adepp-training>

Company Profile

PMC OilPro provides a variety of technical solutions designed to help the projects to achieve maximum value. We are a global company with office locations in France and Algeria. PMC OilPro has extensive experience in Engineering, Audit, inspection and monitoring of projects. We are expert in Safety Engineering throughout a broad spectrum of industries such as Oil & Gas onshore and offshore, Refinery, Petrochemical, Power Stations, Heavy Industries, Marine Terminals, Petroleum Tank farms, Dangerous product depots, Space industries, Steel Making industries, Railway companies, Food industries, Government & Municipality, law firms, Insurance companies and other consulting organizations.

PMC OilPro successfully identify, screen, and mobilize candidates who meet job requirements. Our staff has access to PMC OilPro online library. Our online Codes & Standards increase the productivity of our specialists while they are in our client offices.

PMC OilPro's Training Services offers a unique and unrivalled online and on the job training packages delivered by experienced and qualified trainers, providing diagnosis of problems and quality solutions.



PMC OilPro has the following operating divisions:

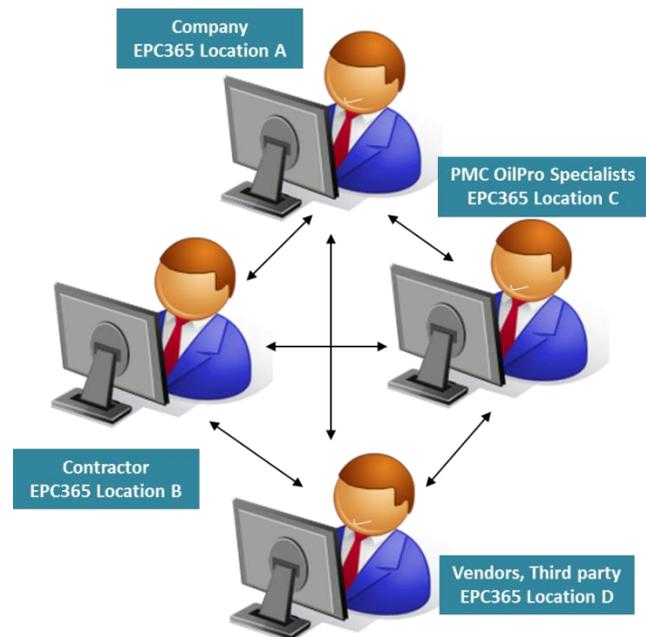
- Engineering, Audit, inspection and monitoring of projects.
- Safety Engineering
- Risk Based Engineering
- Safety Critical Element (SCE) Integrity monitoring
- Process Safety Management (PSM)
- Project Management by EPC365
- Training

For more information, please open our web site at: www.epc365.com

Engineering, Audit and monitoring

PMC OilPro performs engineering, audit, inspection and monitoring of the following activities but not limited to:

- Safety Engineering
- Process Engineering
- Civil & Structural Engineering
- Piping Engineering & 3D model
- Pipeline Engineering
- Rotating Equipment engineering
- Static equipment engineering
- Packages Engineering
- Instrumentation, Automation & Process Control Engineering
- TELECOM Engineering
- HVAC Engineering
- Electrical Engineering
- commissioning Engineering
- Maintenance and inspection engineering



The main duty of the PMC OilPro Engineering Team, appointed for the Project, is to ensure that all the services and the design activities, part of the Scope of Work, are correctly implemented and in line with the contract requirements. Safety are the main scope of PMC OilPro engineering team activities. Design verification carried out jointly between Company, contractors, subcontractors and PMC OilPro. For discussion, please open our website at:

<http://www.epc365.com/engineering.html>

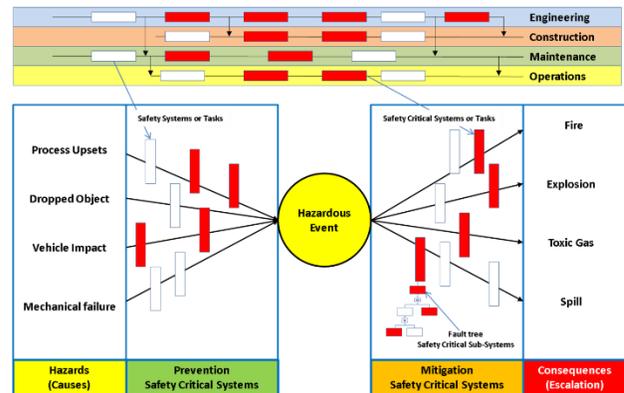
Safety Engineering

PMC OilPro prepares the safety & Fire Protection Plan for the design, construction and operation of the facilities. This will be in accordance with specifications laid down in recognized International standards such as NFPA and Company standards. Our Safety engineering services will include but not be limited to the following:

- Issue of Safety Concept & Environmental Concept
- Active & Passive Fire protection and Fire & Gas detection philosophy.
- Layout drawings for firefighting systems
- Layout drawings for fire & gas detection systems
- P&ID for fire water and foam systems
- Block Diagram for fire & gas detection systems
- Cause and effect diagram of Fire & Gas detection systems

For discussion, please open our website at:

<http://www.epc365.com/safety.html>



- Fireproofing zone maps
- Hazardous equipment identification list
- Data sheets for firefighting equipment
- FW hydraulic calculation and surge analysis
- Requests for Quotation packages for firefighting equipment
- Noise Study
- Participate in P&ID, Plot Plan and 3D model review

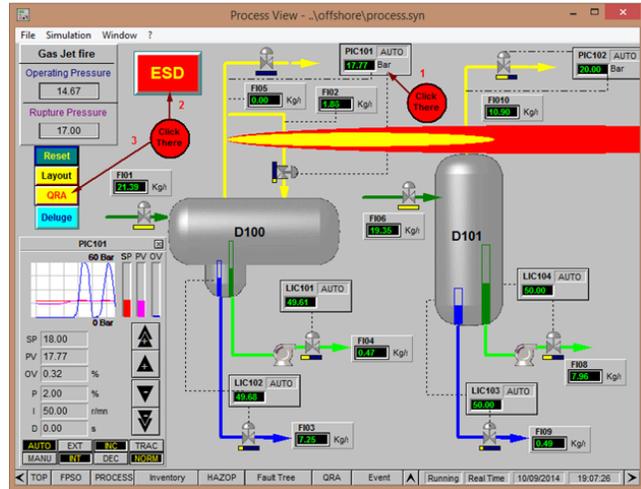
Risk Based Engineering

Hazard identification, evaluation and risk management is an integral part of the engineering activities and construction planning.

Risk Based Engineering include the HSE studies and reviews relevant to engineering such as but not limited to:

- HAZID
- HAZOP
- SIL
- PRA, DRA and QRA
- Risk Reduction Workshop
- Plant Layout Optimization
- ALARP demonstration
- Design HSE Case
- Safety Critical Element (SCE) Identification
- Performance Standards

For discussion, please open our website <http://www.epc365.com/risk-1.html> at:



The identification, evaluation and management process is regulated by specific procedures and may vary from project to project, depending on the type of plant, including location, applicable legislation, and the Company's requirements.

PMC OilPro prepares the risk based engineering Plan for the design, construction and operation of the facilities.

SCE Performance Standards

PMC OilPro will issue the SCE Performance Standard for Safety Critical Elements (SCE) for Company review and approval. These are the key technical requirements to be met by SCEs in order to ensure they are effectively operable on demand, they perform as expected and they have some capacity to survive incidents.

Performance standards describe the goal of an SCE in its safety critical role and the performance requirements that SCEs must meet during design and operational life. Performance standards (PS) include all the controls that are needed to verify SCE integrity together with the minimum performance that should be maintained for each control point. Performance Standards should cover three main areas of control:

Functionality – What to control to ensure the equipment fulfills its functions.

Availability, reliability – At what frequency should it be controlled and maintained to meet performance/integrity minimum requirements.

Survivability – Does the equipment need to keep its functions during an incident and how to maintain this capacity.



SCE Identification

Identification of Safety Critical Elements (SCEs) will be derived from the major scenarios based on comprehensive assessments. SCE list will be utilized Bow-Tie analysis. The developed SCE list will be established by selecting individual SCEs involved in critical scenarios classified as “disastrous” or “catastrophic”.

PMC OilPro will produce and maintain the SCE Register in EPC365.

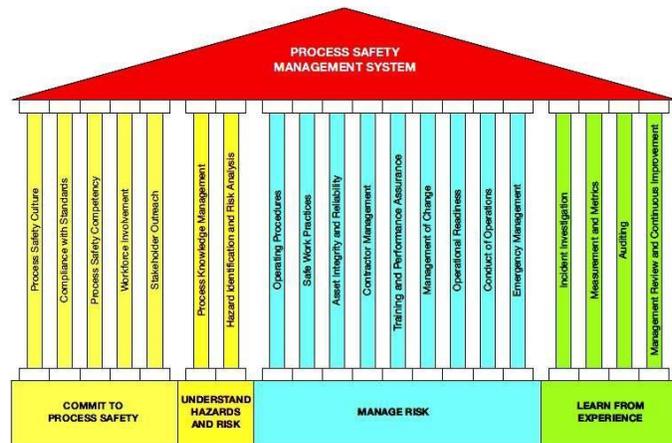
For discussion, please open our website at:

<http://www.epc365.com/sce.html>

Process Safety Management

PMC OilPro provide the following services:

- Process Safety Management (PSM) Development,
- PSM Implementation & Improvement
- PSM Auditing & Gap Identification
- PSM Training & Process Safety Culture
- Process Hazard Analysis (HAZOP, LOPA, HAZID, What-if, FMEA, BowTie, Fault Tree)
- Quantitative Risk Assessment (QRA), Consequence Modeling and Blast Effects
- Process Safety Information & Laboratory Testing
- Pre Start-Up Safety Reviews (PSSR)
- Permitting & Emergency Plans
- Major Hazards Safety Cases & Regulation Compliance



- Technical & Organizational Prevention Measures

PMC OilPro assists the projects in meeting their Process Safety Management challenges with a clear understanding of the requirements of sound Process Safety Management (PSM) program design and implementation, as well as global coverage and support to comply with local requirements.

For discussion, please open our website at:

<http://www.epc365.com/psm.html>

Project Management by EPC365

PMC OilPro assists the projects to manage the project by EPC365.

EPC365 workspaces are powered by Microsoft SharePoint. In EPC365 all projects are linked to Deliverables, Risk, Issues and Tasks. Discussions are also created for each discipline to make it easier to communicate and tie everything together.

EPC365 keeps the Company, Contractors, vendors and third party in touch, organize and manage schedules, share project documents through secure office365, access project databases, host web meetings and more.

For more information, please open our web site at: <http://www.epc365.com/ict.html>

Integrity Management by ADEPP monitor

