



An Intensive 5 Day Training Course

SIMOPS (Simultaneous Operations) for Onshore and Offshore Facilities

24 - 28 Jun 2019, Kuala Lumpur
29 Dec 2019 - 02 Jan 2020, Dubai



This course is Designed, Developed, and will be Delivered under
ISO Quality Standards



SIMOPS (Simultaneous Operations) for Onshore and Offshore Facilities



WHY CHOOSE THIS TRAINING COURSE?

“Simultaneous operations” or SIMOPS often occur when multiple work activities and/or a large multi-disciplinary workforce is working at a single location and in close proximity, or whenever construction or major maintenance work is being done within a “live” process area of an existing facility. The risks associated with such simultaneous marine operations can be great and potentially dangerous. Therefore, all coordination of offshore operations must be addressed between the vessels and personnel involved for the safety of all personnel and assets. In such cases, it is critical that all relevant and involved parties come together in order to develop an appropriate hazard and risk management plan.

The objective of this PetroKnowledge training course is to give the participants an overview of parallel activities at the same location and at the same time that are considered “simultaneous operations”. By learning to identify possible SIMOPS situations of the project early on in the project development phase, the training course participants will be able to distinguish those possible situations which may cause costly delays, or worse, cause serious harm or injury to the construction workforce and offshore operations personnel.

This training course will feature:

- The methodologies that are used to identify, quantify, and evaluate the risks of SIMOPS
- The Scope, Application and Management Overview of SIMOPS
- The respective Responsibilities and Accountability (RASCI),
- Hazards and Risks identification and management i.e. consequence assessment, frequency analysis, risk calculation and analysis
- The initiation, planning and implementing SIMOPS
- Manual of Permitted Operations (MOPO)
- Change Control or Management of Change (MoC)
- SIMOPS work permitry
- SIMOPS records and action tracking

HOW WILL THIS TRAINING COURSE BE PRESENTED?

This training course is conducted in a classroom. Examples and video clips of past SIMOPS for both onshore and offshore will be used to aid the learning and understanding of the subject matters. Participants will also take part in group classroom exercises to reinforce their learning experience. Each participant will receive a set of course materials. There will also be pre-course as well as post-course assessment tests.

WHAT ARE THE GOALS?

By the end of this training course, participants will be able to:

- Understand what entails in SIMOPS and its methodologies
- Understand the Management overview of SIMOPS
- Understand the need for RASCI
- Understand the implication of Hazards and Risk Identification
- Fully understand the process for initiation, planning and implementing SIMOPS
- Understand Change Control or MoC in SIMOPS
- Understand SIMOPS Work permit system

WHO IS THIS TRAINING COURSE FOR?

This PetroKnowledge training course is suitable to a wide range of professionals but will greatly benefit:

- Asset Managers
- Field Engineers, CSRs, Construction Supervisors, Project Engineers
- Operations Engineers
- Pipeline Discipline Engineers
- Various Discipline Engineers (structural, piping, equipment, electrical, instrumentation)
- Maintenance Engineers
- Contract Administrators, Buyers and Procurement Executives
- Cost Estimating, Project Control and Planning Engineers
- Managers and Executives who are new to Offshore Engineering Projects
- Other Engineers and technicians who need to update their current Oil and Gas industry experience and wanting to move to Offshore Field development Projects



DAILY AGENDA

Day One: What is SIMOPS

- Introduction to the SIMOPS course
- Pre-course assessment test
- Identify and set the expectations of the course participants
- Typical Offshore Activities which occur simultaneously
- Stakeholders – teams, departments, operations, projects, construction, maintenance
- Scopes and application of SIMOPS (including the types of SIMOPS)
- Definition of SIMOPS

Day Two: Management of SIMOPS

- Management overview of SIMOPS (including the flowchart of 3 modes)
- Responsibilities and Process Flow (RASCI)
- The need for SIMOPS, Initiation and Planning
- Exercises and examples of recent projects
- Typical hazards, risks and potential consequences of various offshore activities
- A brief on process and technical safety management
- Hazards and Risks Identification (Risk Matrix)
- Management of Hazards and Risks, their Mitigation Measures
- Demonstration of ALARP

Day Three: Operations Requirements for SIMOPS

- A brief on permit-to-work (PTW) system
- Authority for SIMOPS Approval
- SIMOPS development
- Permitted Operations (including MoPO and Preconditions)
- Exercises and examples of recent projects

Day Four: Documentation Requirements for SIMOPS

- Initiating and Planning for SIMOPS
- Documentation and Requirement
- Bridging Documents – examples
- Site Specific Procedures (SSP)
- Emergency Response Procedure (ERP)
- Establishing the Permit System for SIMOPS (PtW and ISSoW)

Day Five: SIMOPS Execution and Management Review

- SIMOPS Roll-out and Execution
- Management of Change (MoC) in SIMOPS
- Management review of SIMOPS
- Auditing SIMOPS
- Exercises and examples of recent projects
- Post-course assessment test

**QUALITY
CERTIFICATION**

ISO 29990 : 2010 Certified



ISO 9001: 2015 Certified



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SIMOPS (Simultaneous Operations) for Onshore and Offshore Facilities

✓	DATE	VENUE	FEE(\$)
	24 - 28 Jun 2019	Kuala Lumpur - Malaysia	5,950
	29 Dec 2019 - 02 Jan 2020	Dubai - UAE	5,950

This fee is inclusive of Documentation, Lunch and Refreshments

Please use BLOCK CAPITALS to fill in this form. It is important that you read carefully through all information before starting to complete the form.

REGISTRATION DETAILS

Family Name: _____ First Name (Mr./Ms.): _____
 Position: _____ Company: _____
 Mailing Address: _____
 Telephone: _____ Mobile: _____ Fax: _____ Email: _____

AUTHORISATION

Authorisation By: _____
 Position: _____ Company: _____
 Mailing Address: _____
 Telephone: _____ Mobile: _____ Fax: _____ Email: _____

BOOKING TERMS & CONDITIONS

Booking

- Bookings for courses can be made via our website (petroknowledge.com) or by contacting our Registration Desk on +971 2 5577389 or at reg@petroknowledge.com
- For on-line bookings, please select the course that you require and click on the "Register Now" button, following the instructions step by step
- Upon receipt of booking in order, enrolment on the respective training course will be confirmed by Registration Team with all necessary documentation

Invoicing and Payment

- Our fees include course presentation, relevant materials, physical & digital documentation, lunch and refreshments served during entire training. Accommodation charges are not included in the course fees
- Course fees are payable upon booking unless a valid, authorized Purchase Order is provided and accepted
- Invoices will be sent via email/courier to the ID/name and address provided
- We prefer to have the fees payment in our account before the start of training course. However, if your company has a different payment policy, the same should inform us in advance
- The currency of fees is in US Dollars (USD). Payments can be made in USD or UAE local currency AED (Arab Emirates Dirhams) either by Bank Transfer or by Credit Card. Our Bank Account details will be provided on the Invoice
- Please note that we do accept payment by cash, in USD or AED, only for the last minute bookings

Cancellation of Courses

- It may be necessary for PetroKnowledge to amend or cancel any course, course times, instructors, dates or published fees due to unforeseen circumstances and we reserve the right for such changes
- Any amendments will be advised before the course start date and any bookings already paid in full will not be subject to increased fees

Cancellation by Client

- Once you have completed your booking, received your confirmation of enrolment and a dated payment Invoice, you are deemed to have a contract with PetroKnowledge. You reserve the right to cancel this contract given the below terms
- All cancellations must be received in writing at reg@petroknowledge.com and info@petroknowledge.com at least 14 days prior to the training
- After the cancellation period has expired, consideration may be given, on a case to case basis, if a registered delegate nominates a substitute on the same course, shifts to next session of the course or moves to a new course
- For a cancellation request made on or before the statutory 14 day cancellation period, a refund may be given or a credit note issued which can be used against future course fees
- A 25% administration fee (of the total course fee at the time of booking) will be charged for any cancellations made outside of the statutory cancellation period

Attendance Certificate

- The daily course schedule should be accurately followed to ensure undeterred implementation of our training
- All delegates, who participated in their course throughout, will receive the Certificate of Completion on the last day
- Please report any foreseeable absences to a PetroKnowledge representative or to your sponsors directly
- An absence of three (3) or more sessions of the course will invalidate your eligibility for the Certificate of Completion

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