

**Training Title**

**DRILLING PRACTICES**

**Training Duration**

5 days

**Training Venue and Dates**

Ref # DE023	Drilling Practices	5	17 - 21 Dec 2018	\$5,750	Italy, Rome
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In any of the 5 star hotels. The exact venue will be intimated once finalized.

**Training Fees**

5,750 US\$ per participant including Very useful Materials/ Handouts, Tea/Coffee, Breakfast, Snacks, Refreshments, International Buffet Lunch.

**Training Certificate**

Define Management Consultants Certificate of course completion will be issued to all attendees.

**COURSE OBJECTIVES**

Upon successful completion of the workshop, participants will be able to:

- How to plan a well from spud in to completion phase with cost effectively.
- How to avoid potential problems during drilling operations
- Dealing with different types of drilling problems proactively.
- Get familiar with Design and implement .casing,cement and ,hydraulics
- Manage the drilling fluid and avoid formation damage

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**WHO SHOULD ATTEND**

The workshop is intended for Drilling Engineers, Drilling Representatives, Drilling Fluid Engineers and Contractor Personnel, Drilling Supervisors. Mud Engineers, Cementing Engineers (Offshore and Onshore Personnel), Tool Pushers, Manager and Technical Support involved with drilling operations and responsible for the development, planning and application of the drilling fluids program.

**Training Methodology:**

A highly interactive combination of lectures and discussion sessions will be managed to maximize the amount and quality of information and knowledge transfer. The sessions will start by raising the most relevant questions, and motivate everybody find the right answers. You will also be encouraged to raise your own questions and to share in the development of the right answers using your own analysis and experiences. Tests of multiple-choice type will be made available on daily basis to examine the effectiveness of delivering the course.

Very useful Course Materials will be given.

- 30% Lectures
- 30% Workshops and work presentation
- 20% Group Work & Practical Exercises
- 20% Videos & General Discussions

**COURSE OUTLINE**

**Overall Drilling practices**

- Introduction to drilling operations
- Types of Rigs
- Rig component
- Methods of drilling
- Well proposal and design
- Well drilling program
- Case study
- Video film CD-DVD

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**Drilling Operations**

- Making hole and bit selection.
- Drilling fluids operations
- Solids Control

- Casing operations
- Cementing operations
- Case study , practices exercises

*Drilling problems and Prevention*

- Lost circulation
- Stuck pipe
- Kick and well control.
- Shale problems
- Fishing operations
- Formation damage
- Well completion
- HS&E Considerations (Health, Safety & Environmental)
- Review and discussion

Case Studies, Discussions, Last Day review will be carried out.

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