



**DEMS**

*Beyond Engineering*

# Subsea Geotechnical Engineering Course



# Subsea Specialist Course 1

<b>Course</b>	Subsea Introduction and General Awareness
<b>Trainer(s)</b>	Mohsen Shavandi

Topic	Day 1 Morning	Day 1 Afternoon	Day 2 Morning	Day 2 Afternoon
Introduction and Overview	Green			
Field Economics/ Architecture	Green			
System Configuration	Green			
Introduction to Well Design	Green			
Introduction to Drilling		Green		
Introduction to Completions		Green		
Xmas Tree Concepts		Green		
Templates and Manifolds		Green		
Risers and Umbilical's			Green	
Tie-Ins			Green	
Production Control Systems			Green	
Workover Systems			Green	
ROV Intervention Systems				Green
Subsea Codes and Standards				Green
Subsea Valves				Green
FAT, PVT, SIT				Green

# Subsea Specialist Course 10

<b>Course</b>	Geotechnical Engineering
<b>Trainer(s)</b>	Shashikant Sarada, Liv Hamre

Topic	Day 1 Morning	Day 1 Afternoon	Day 2 Morning	Day 2 Afternoon	Day 3 Morning	Day 3 Afternoon
Introduction and Overview						
How to Plan and Manage Geotechnical Works						
Working Safely on Geotechnical Sites						
Optimum Drilling Method						
Understanding In Situ Testing						
Soil and Rock Logging						
Understanding Contaminated Land						
Getting the Most from your Instrumentation						
Getting it Right - Parameters for Laboratory Testing						
Developing the Ground Model						
How to Identify and Manage Risk						
Case Studies						