



DEMS

Beyond Engineering

Subsea Processing Course



Subsea Specialist Course 1

Course	Subsea Introduction and General Awareness
Trainer(s)	Mohsen Shavandi

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

Subsea Specialist Course 8

Course	Subsea Processing
Trainers	Dag Erlend Andersen

Topic	Day 1 Morning	Day 1 Afternoon	Day 2 Morning	Day 2 Afternoon	Day 3 Morning	Day 3 Afternoon
Subsea Processing Equipment Overview	Green					
Codes and Standards	Green					
Subsea Processing Functions		Green				
Pumping - Liquids		Green				
Pumping - Multiphase			Green			
Compression - Dry Gas			Green			
Compression - Multiphase				Green		
Local Produced Water & Seawater Injection				Green		
Subsea Separation - 2 Phase/ 3 Phase, Sand					Green	
Electrically Heated Flowlines					Green	
Electrical Power Systems						Green
Operational Challenges						Green