

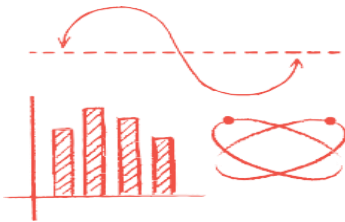


Lecture

Mr. Ernst Abrahamsen has a Master Degree in Economics in Project Management. Worked for Statoil more than 30 years and gained experience in project, line management and corporate level. His professional skills are in the field of project control – products/services in the field planning, evaluation and execution of a development project. Experience from working with different types of facilities in relevant geographical areas and has a good understanding and knowledge about the most relevant parties and stakeholders within business development, supply industry and business understanding. He has been chief engineer for project control and corporate controller.

Lecture

TBA



Acona AS

Field Development
 Laberget 24
 N-4020 Stavanger
 Norway
 Tel. (+47) 52 97 76 00

CONTACTS

Bengt Hope

Field Development Manager
 Tel. (+47) 97008283
Bengt.hope@acona.com

LNG Plan overview

Overall Scope of Work (briefly)

Production Capacity of LNG
 Process Design Availability
 Feed Gas Supply and Availability
 LNG Storage & Power supply
 Battery Limits clarification
 Supplier and Company Deliverables clarification
 Acts, Regulations, codes and Standards

Main LNG Technologies in use Technology preference

Selection criteria (pros & cons)

Process Design Basis

General
 Key Design Feature
 Feed Gas Specification (limitations impurities)
 Tail Gas Specification
 LNG Specification
 Material selection
 Utilities
 Firewater, etc
 Potable Water
 Electric Power
 Metering, GAS and LNG
 Safety
 Emission

4 days course

- Fixed cost for Planning & execution can be agreed

Schematic Plant Overview (PFD)

Plant Inlet Gas
 Metering, Receiving Gas, etc
 Pretreatment Feed Gas
 CO2 removal
 Amine Absorption
 Amine Desorption
 Gas Dehydrating Unit
 Molecular adsorber vessels
 Liquefying Process
 Spiral Wound Heat Exchanger
 Detailed description of functionality
 Compression unit
 Cycle Compressor
 Detailed description of functionality
 Refrigerant System, selection (MRC)

LNG Storage
 LNG transfer/loading
 Mechanical Completion
 Commission

Start up
 Performance Test and process guarantees
 LNG Plant – Take Over

Cost & Schedule of a LNG plant

Location & language

- Can be arranged internationally and domestic
- Presented in English with English documentation