The ISC Approach

The cornerstone of ISC’s competence derives from the ability to undertake the complete range of tasks associated with facilities for fixed offshore platforms for oil and gas production, onshore oil and gas production and modifications and extensions to offshore drilling rigs. The services range from FEED studies through front end engineering, detail design as well as construction follow up.

Typical disciplines are:

- **Layout** - dealing with the concept for the facilities
- **Process** - dealing with various concepts and requirement for redundancy
- **Structural** - design of an economic and robust structure suitable for an efficient installation
- **Mechanical** - design of expedient piping systems and mechanical specifications in accordance with clients requirement
- **HVAC** - provide necessary specifications for process an utility ventilation
- **Electrical** - specifications of equipment in accordance with the requirement for electrical power
- **Instrument** - specifications for SCADA, shut down systems and auxiliary systems
- **HAZID, HAZOP and Fire & Safety** - assistance to the client

The Company

ISC Consulting Engineers A/S was founded in 1967 by Kjeld Thomsen M.Sc. (struct. Eng.) former associate professor at the Technical University of Denmark.

Our 235 employees are located at our headquarters in Copenhagen and at our offices in Kalundborg, Esbjerg, Kolding, Viborg and Aalborg.

ISC provides comprehensive independent consulting services within all fields of planning, feasibility studies, civil, structural, mechanical, process, and electrical engineering on a worldwide basis.

ISC has special experience and knowledge in the field of planning and design of advanced civil works such as the “The Øresund Fixed Link” which connects Denmark and Sweden and with its 490 m main span is the longest cable stayed railway bridge in the world. ISC also has special experience in the design and planning of other civil works such as industrial plants, power stations, port facilities, oil & gas installations, wind farm installations, airports and railways.

ISC has gained profound experience throughout the past more than 45 years on numerous projects carried out in more than 70 countries.

The Staff

The combined staff of the company comprises 235 employees (2014) of which approximately 70% are graduates in civil, structural, electrical or mechanical engineering and related disciplines.

The company’s expertise also covers management, planning, computer applications, information and maintenance systems, client consulting, site management and inspection.

Furthermore, ISC maintains standing agreements of cooperation with individual experts and public scientific institutions, thereby supplementing the company’s know-how in connection with assignments requiring multi professional teams of specialists.

For further information about the products and services ISC Consulting Engineers A/S can provide, please visit www.isc.dk

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Planning and Design of Offshore Oil and Gas Installations.

ISC has more than 38 years’ experience in the offshore marine sector providing design for offshore oil and gas facilities.

ISC has carried out assignments for offshore oil and gas installations in Denmark, Norway, the Arabian Gulf as well as in other countries around the world.

We offer our special know-how in the field of planning and design offshore facilities and installations comprising jackets, topsides, foundations, bridges, Texas decks, cranes, piping, process, buoyancy systems, transformer platforms, sea transport and sea fastening systems.

The approach to a given job is guided by the objective to assure that the client’s requirements and goals in all aspects, are achieved in an expedient manner.

We assure that the job is carried out to the specified time, the technical specifications and within the agreed budget.

A project manager and a project group with the required professional skills are assembled for the specific job comprising the following phases.

- Data procurement
- Environmental impact assessment
- Conceptual design and cost estimation
- Detailed design and tender documents
- Programming
- Contract management
- Commissioning
- Maintenance and operational procedures.

When choosing ISC as your consultant or partner you are assured that the job will be carried out in the most apt way, whether you wish to assign an ISC specialist for a limited period of time or outsource the project completely.