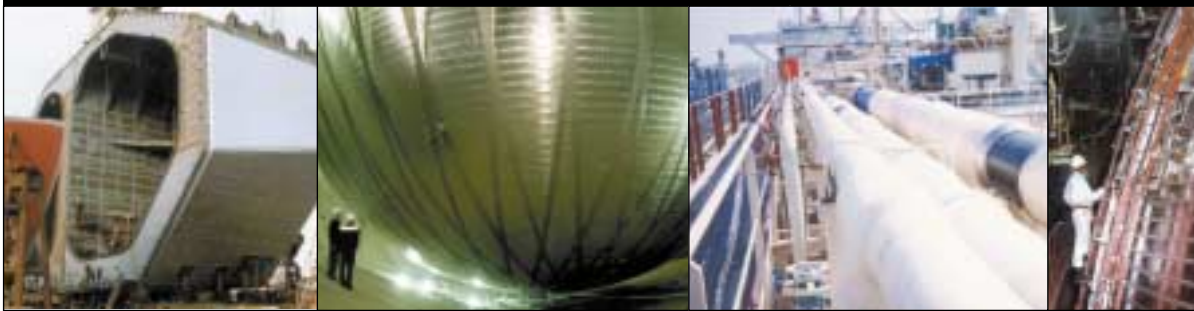


## TOTAL Insulation Capability

Insulation Technology



**UNITOR**

## A MATTER OF CONFIDENCE

The work starts when the contract is negotiated. Work must commence on time and be carried out as planned so that the vessel or the plant can be operational as scheduled. With the size and complexity of many projects, there is no substitute for experience and know-how. Choosing the right contractor is a matter of confidence.



The company has been active in the marine and landbased insulation business area since 1918. Demand for more efficient technology and better quality from ship owners and other clients has increased steadily through the years. TI Marine Contracting's success in meeting this demand has always rested on having skilled people in their team. In addition to expertise, the capability to act as advisor and partner in complex projects is possible thanks to a strong project orientation and constant focus on cost effectiveness.

## BUSINESS IDEA AND STRATEGY



TI Marine Contracting offers its products and services within the area of insulation of all types. Our services within the low temperature range of the market is delivered by the organisation based in Norway, while other insulation projects are supplied from our sister company in the UK, Ticon Insulation Limited.



To achieve the most effective solution, product development employs the best available technology. TI Marine Contracting aims to offer its customers a greater choice of solutions. We are ready to take the total responsibility for engineering, planning, purchasing, project management and carry out the actual projects. To satisfy these objectives, a network of sub-contractors and suppliers has been established throughout the world.

## LNG CARGO TANK INSULATION SYSTEMS

Our long experience in the LNG cargo tank insulation field goes back to 1972. Since then the business has developed steadily and successfully.

We can offer different systems designed and produced to fit different requirements.

The application and installation is done at site in close co-operation with the client, where all activities are planned in detail and harmonised within the total project master plan.



(LEFT): SEMI AUTOMATED INSULATION PROCESS

(ABOVE): FINISHED SG INSULATION SYSTEM

We normally offer turnkey solutions and deliveries but if preferable we can work out design and engineering solutions or supply other services such as supervision and project administration. Materials and prefabricated products can also be supplied as separate packages.

## LPG/LEG TANK INSULATION SYSTEMS

The first LPG cargo tank insulation was delivered in 1960. Numerous projects have been delivered since then.

We can offer insulation systems based on two different principles, the foam in-situ technology and application with prefabricated panels.

The insulation systems are designed for flexible application, on land and on board.



FINISHED LPG CARGO TANK INSULATION SYSTEM

# PIPE INSULATION SYSTEMS

Our pipe insulation systems cover temperatures down to -200 degrees C.

We can offer systems designed to fit different requirements and applications: LPG/LEG/LNG/LN. The standard specifications for these temperatures are well proven after many years of service experience.

The application and installation is done at site, based on prefabricated insulation elements.

We offer engineering and design as part of a turnkey package.

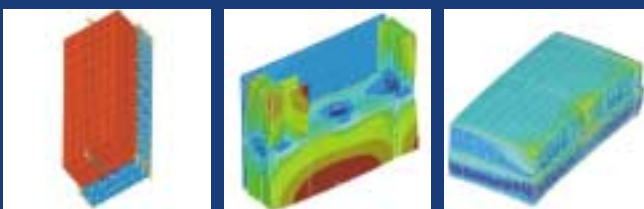
Alternative services such as supervision and project administration can be delivered independent from materials and prefabricated products.

LOW TEMPERATURE PIPE INSULATION SYSTEM



# ENGINEERING & DEVELOPMENT

In order to cover future needs for efficient materials and systems, continuous development and improvement is required. Advanced analysis and test methods have been developed. Long experience combined with realistic simulations and modelling is used to quickly produce new and improved products to a demanding market always looking for efficiency.



FEM MODELLING FOR STRUCTURE AND THERMAL ANALYSIS



LOW TEMPERATURE INSULATION SYSTEM TESTING

## CONVENTIONAL INSULATION

UK based subsidiary Ticon Insulation Limited UK works within the following insulation fields:

- Industrial and HVAC
- Petrochemical and Gas
- Power Generation
- Marine and Offshore
- Repair and Maintenance
- Insulation Service

The company supplies turnkey solutions as well as products, qualified labour and supervisory staff. Our personnel are participating on different levels and running projects around the world.



## QUALITY ASSURANCE

The quality system in TI Marine Contracting calls for continuous improvement in this area, particularly as it affects the customer. The NS-ISO 9001 quality system certification for insulation earned in 1995 is a further recognition of the company's commitment to quality. Our two major quality objectives are:

- Satisfaction of the quality level as specified by the customer
- The correct execution of work



## A matter of confidence

The real work starts when the contract is negotiated. Work must commence on time and be carried out as planned. With the size and complexity of many projects, there is no substitute for experience and know-how. Choosing the right contractor is a matter of confidence.



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