

# Product testing and Type Examination - Lifesaving equipment



FORCE Technology are able to offer complete approval solutions, including type testing and certification of products in collaboration with FORCE Certification A/S, so that the customer only needs to have one contact in the approval process of new equipment.

FORCE Technology offers Pre-evaluations of new products and prototypes, and assesses the specific product in terms of applicable regulations, so that the customer gets a clear picture of any potential obstacles in the approval process before posting money into extensive test programs.

FORCE Technology is well known and widely respected within Europe and Asia and participates in standardization work within the framework of EN, ISO and USCG, to be updated with the latest knowledge and information in the industry.

FORCE Technology uses only specially trained technicians for testing and is accredited by DANAK (the Danish Accreditation body).

#### Marine Equipment (MARED)

FORCE Technology offers testing according to Directive 96/98 EC on marine equipment as last amended by Directive 2002/75/EC. Using the Revised recommendation on testing of life-saving appliances MSC. 81 (70) with amendments.

- Lifebuoys
- Lifejackets
- Immersion suits and anti exposure suits
- Thermal Protective aids
- Life rafts
- Float free arrangements for life rafts (hydrostatic release units)
- Release mechanism for lifeboats and rescue boats
- Firefighter's outfit
- Protective clothing resistant to chemical attack
- Portable fire extinguishers

## Personal Protective Equipment (PPE)

FORCE Technology offers testing according to Directive 89/686/EEC + amendments for a broad range of equipments.

- Protective equipment against drowning and buoyancy aids (EN ISO 12402-XX)
- Protective equipment against falls from heights
- High visibility clothing
- Hearing protection
- Head protection
- Feet and leg protection
- Respiratory protection
- Hand and arm protection against chemical agents and mechanical risks
- General body protection (clothing) against chemical agents
- Protective clothing and gloves for welding

#### **USCG Approvals**

FORCE Certification A/S is recognized for testing the following products specified in CFR's:

- Marine equipment (MarED)
- Lifejackets (Recreational, professional, and MarED)
- Emergency provisions for merchant vessels and drinking water
- Life rafts
- Hydraulic release units for lifesaving equipment
- Lifejacket materials
- Personal flotation device lights







# **About the FORCE Technology Group**

FORCE Technology is one of the leading technological consultancy and service providers on the international market. We are focused on transforming highly specialized engineering knowledge into practical and costeffective solutions for a broad range of business sectors and industries. These solutions strengthen our customers' competitiveness and are based on our understanding of the customers and the different businesses. This understanding has been acquired through handling thousands of different issues for our customers for more than 60 years.

## Core areas:

- Optimization of production and processes
- Materials utilization, protection and analysis
- Maritime technology
- Integrity management
- Inspection, testing, calibration, verification and certification
- Sensor technology development and application
- Management systems optimization and development
- Energy and environment





