

INTEGRATED MANAGEMENT AND EXECUTION
of various industrial projects

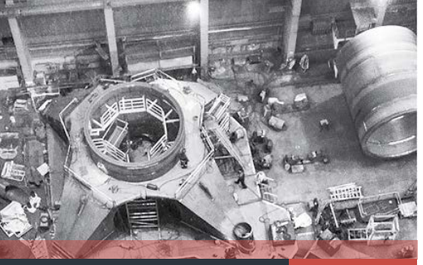
GRIDIN'S GROUP
SINCE 1999

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STEEL CONSTRUCTIONS



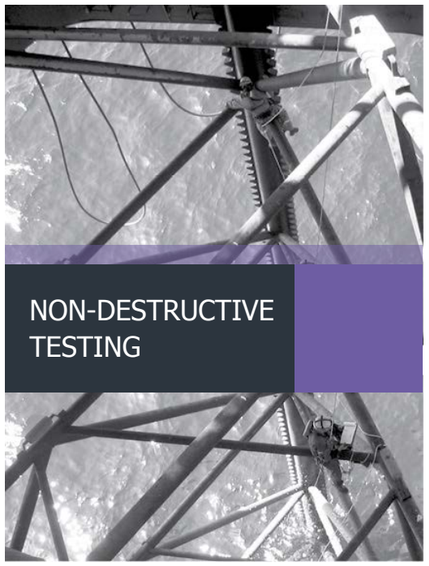
SHIPBUILDING & SHIP REPAIR



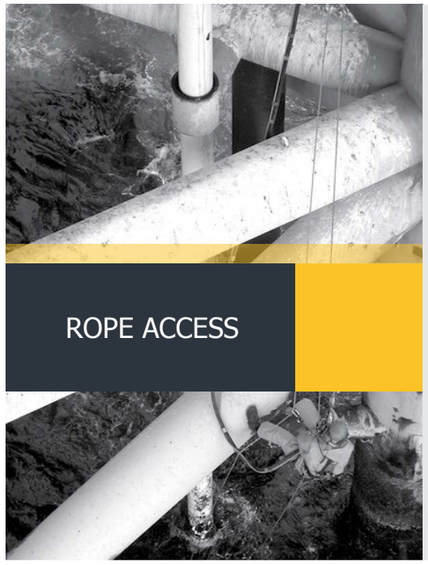
TELECOMMUNICATIONS



OIL & GAS RIGS, WIND PARKS



NON-DESTRUCTIVE TESTING



ROPE ACCESS



SCAFFOLD INSTALLATION



SHIP INTERIOR FINISHING



INTERNATIONAL TRAINING CENTER

ABOUT US

The corporation provides integrated project management and implementation of industrial projects in the Oil and Gas sector as well as in the renewable and nuclear energy sectors, shipbuilding and ship repair industry, steel structure manufacturing and other industrial sectors worldwide, both offshore and onshore.

The Gridin's Group is a dynamic, flexible and competitive company with a good standing in the global market of industrial services.

The foundation of our activities is the high quality of work performed with exceptional attention to each customer and service flexibility. The Group's companies dedicate great attention to continuous improvement of procedures and certification of the quality of provided services.



ACTIVITIES

Resource Preparation

The Gridin's Group specializes in training of top-quality technical specialists for the integrated management and execution of various industrial projects according to requirements of potential customers.

The training process includes development of training programs in accordance with the customer's technical requirements, as well as training and testing of specialists at our International Training Center (ITC).

Project Management

The company provides offshore/onshore services in the industrial/civil business sectors. High quality of work performed along with exceptional attention to each customer and service flexibility are the foundation of our activities. The company provides both complex construction services and technical specialists of necessary qualification.

Project management includes the following phases:

- Arranging the special training for employees in accordance with the customer's requirements and specific working conditions.
- Management of project personnel.
- Arranging periodical assessments of the personnel's qualification & training, aimed at the acquisition or improvement of qualifications.
- Project work administration and coordination.

Occupational Safety

The Gridin's Group acts in observance of **ISO 9001:2015, ISO 14001:2015, and BS OHSAS 18001:2007 standards**, i.e. an integrated management system, which aim is to guarantee the continuous support of certain quality standards, ecology, occupational health and safety. Occupational safety is one of the top priority segments of the company's activities.

PRODUCTION OF **STEEL CONSTRUCTIONS**

Gridin's Group division for production of steel constructions is focused on the services of various steel structures and installations. It provides services for small, bigger and oversized constructions in Offshore, Onshore, Oil & Gas, Renewable and Nuclear Energy as well as Industrial sectors.

Gridin's Group steel construction services:
- Primary steel constructions.
- Secondary steel constructions for different applications.













Some of our projects

- BLADT INDUSTRIES A/S
  30 Wind turbine Transition Pieces
  for Beatrice OWF
  Hanko, Finland | 2017

- BLADT INDUSTRIES A/S
  41 Wind turbine Transition Pieces
  for Wikinger OWF
  Hanko, Finland | 2015-2016

- ANDRITZ SCA
  Production of debarking drum
  Hanko, Finland | 2013-2016

- LEVATOR OY
  Production of 800 tone capacity crane
  for Kvaerner ASA
  Hanko, Finland / Stord, Norway | 2015-2016

- VICTOR BUYCK STEEL CONSTRUCTION
  Junglinster bridge steel constructions
  Luxembourg – Eeklo, Belgium | 2013-2014

- LEVATOR OY
  Production of 1747 - MLBE HEIDRUN" -
  turret, mooring and swivel systems
  Hanko, Finland | 2014

- GaV GROUP OY
  Steel constructions for oil industry
  Paimio, Finland | 2014-2015

- NUKEM TECHNOLOGIES GMBH
  Stainless steel waste water accumulation tanks
  Alytus, Lithuania | 2014

PRODUCTION OF **STEEL CONSTRUCTIONS**

To ensure successful implementation of projects of any complexity, we have a partner (steel production plant) in Finland (Hanko). The advantage of the facility is, that it has a direct deep-water access.

SHIPBUILDING
& SHIP REPAIR

Gridin's Group provides project management and implementation services including shipbuilding and ship repair for almost two decades.

We provide the following shipbuilding and repair services:

- Assembly of section, ship hull construction.
- Slip works.
- Outfitting works.
- Production and installation of pipeline systems.
- Blasting and painting works.
- Non-destructive testing of metal thickness and welding seams.

Some of our projects

- ARCTECH HELSINKI SHIPYARD INC.
  NB-509 Icebrakers
  Helsinki, Finland | 2014

- LANDSKRONA VARVET AB
  Hulls for 5 ships:
  DSV vessel
  Multipurpose/ROV trenchers
  Seismic research vessels
  Landskrona, Sweden | 2006-2009

- STX TURKU
  Worlds largest cruise vessels:
  FREEDOM OF THE SEAS
  INDEPENDENCE OF THE SEAS
  LIBERTY OF THE SEAS
  OASIS OF THE SEAS
  ALLURE OF THE SEAS
  COLOR MAGIC
  Turku, Finland | 2005-2009

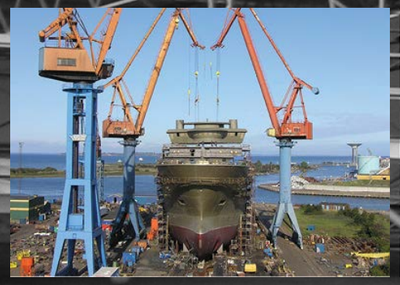
- BERGEN GROUP
  Ro-Ro ferries STENA TRADER (NB 74);
  STENA TRAVELER (NB 75) superstructures
  Fosen Verft, Rissa, Norway | 2005

- NIRON STAAL AMSTERDAM
  Antirolling tanks | 2014
  Hull for ferry RoPax 5121
  Amsterdam, The Netherlands | 2016-2017

- DAMEN SHIPREPAIR AMSTERDAM
  m/v ATLANTIC TRAMP hull repair
  Amsterdam, The Netherlands | 2014

- KLEVEN VERFT AS
  Repair of vessels:
  № 366 Expedition support vessel
  № 356 Platform supply vessel
  № 357 Multi purpose supply vessel
  № 371 Offshore construction vessel
  Ulsteinvik, Norway | 2014 (cooperating since 2006)

- DAMEN SHIPREPAIR VLISSINGEN |
  Repair and modernization m/v AGILE
  Vlissingen, The Netherlands | 2011-2013








TELECOMMUNICATIONS

Gridin's Group is an experienced and qualified services provider of installation and swapping of various telecommunication antennas and equipment.

Provided services:

- Metal constructions installation on different types of masts and towers (Delta – frames, Dishmounts, poles and etc.)
- All types of antennas installation, including Swap works with subsequent alignment using different alignment tools. (panels, MW, Jagi, Huawei, PSN, Microwaves, etc.)
- All types of feeders and cables installation according to customer standards and requirements.
- Installation and setup of special equipment on masts and towers (TMA, Combiners and etc.).
- Dismantling feeders and equipment from masts and towers.
- Complete equipment / path testing with SiteMaster.
- Testing with PIM Master.
- Paperwork jobs, arranging all documentation needed in accordance with customer / project requirements.
- Site surveys with documentation.



Some of our projects

HF COMMS (GB)
The installation of mobile networks equipment;
Upgrade of mobile networks
Great Britain | 2014 - ongoing

- Installation of antennas, feeders and special equipment.
- Measurement of antennas – feeder path quality.
- Maintenance, troubleshooting.

OIL & GAS RIGS
WIND PARKS

The Gridin's Group provides wide range of services in the Offshore Oil & Gas as well as Wind Energy sectors. The services include construction, repair and maintenance of Oil platforms and wind parks.

Offered services:

- NDT inspections.
- Rope access services.
- Surface treatment.
- Welding services.

Some of our projects

- BARD SERVICE GMBH
  OWF BARD OFFSHORE 1 | Electrical and rope access works
  Borkum island, North Sea | 2014

- TRIANEL WINDKRAFTWERK BORKUM GMBH & CO. KG
  The Netherlands | 2013

- BLADT INDUSTRIES A/S
  Rectification campaign, inspection works after the TP repairs
  Offshore Windpark BUTENDIEK | Dänemark | 2015

- NT OFFSHORE
  OWF NORDSEE 1 | Repair of damaged paint areas
  North Sea, Germany | 2016

- HERTEL
  Maintenance services at OWF | The Netherlands | 2010

- KEEL SOLUTION
  Semi-submersible Rig MAERSK DISCOVERER
  Fincantieri S.P.A, Palermo, Italy | 2014
  Semi-submersible Drilling Rig MAERSK DELIVERER
  South Africa Yard Stay | 2015

- IEMANTS | Wind parks:
  AMRUMBANK WEST Project | Drainage system installation
  GODE WIND Project | Paint repair | Germany | 2016
  Projects:
  RACE BANK (UK), VEJA MATE (DE), BURBO BANK (UK)
  Welding works during installation of the topside onto the jacket | 2016

- STS GRUPPEN AS
  Platforms NJORD A and VESLEFRIKK B
  Norway, North Sea | 2006

NON-DESTRUCTIVE TESTING

From construction sites, pipelines and refineries to shipyards and nuclear power plants we offer a complete or sample examination services using well-designed procedures and highly qualified NDT specialists according to international standards (ISO, EN, ASME, DNV GL, ABS and etc.)

List of methods and technologies used (NDT):

- Dye penetrant testing (PT);
- Magnetic particle inspection (MT);
- Visual testing (VT);
- Eddy current testing (ET);
- Ultrasonic testing (UT):
  - » Manual method:
    Ultrasonic testing (UT);
    Ultrasonic thickness measurements (UTM).
    B-scan - ultrasonic thickness scanning.
  - » Automatic method:
    AUT – inspection of welded joints;
    C-scan – imaging of a scanned section with mapping of the residual thicknesses (corrosion mapping).

NDT laboratory has National Accreditation,
DNV GL, ABS, Bureau Veritas and other significent certificates.
Specialists are certified according to ISO 9712, SNT-TC-1A, PCN, etc.

Some of our projects

- BLADT INDUSTRIES A/S
  NDT of Beatrice OWF TP
  Hanko, Finland | 2016-2017

- BLADT INDUSTRIES A/S
  NDT of Wikinger OWF TP
  Hanko, Finland | 2015-2016

- TERAS OFFSHORE PTE. LTD.
  Oil platform ATLANTIC AMSTERDAM - intermediate survey
  Oil platform ATLANTIC LABRADOR - special survey
  Oil platform ATLANTIC ESBJERG - annual survey
  Hirtshals, Esbjerg, Denmark | 2016

- CORE IRM | Inspection of oil platforms:
  Drilling jack up TRIDENT 17 (Transocean Ltd.);
  Drilling jack up (Transocean Ltd.);
  Drilling rig GSF COMPACT DRILLER (GlobalSantaFe);
  Semisubmersible rig LEGEND (Transocean Ltd.).
  Vietnam, Thailand, Labuan, Malaysia | 2006-2008

- ATLANTIC MARINE SERVICES B.V.
  Oil platform ATLANTIC LABRADOR - leg inspection
  Esbjerg, Denmark, North Sea | 2013-2014

- STS GRUPPEN A/S
  Platform NJORD A - anchor chain block's inspection using UT and PT methods
  Rig VESLEFRIKK B - UT and ET of welding seams, VT of nodes condition
  Norway, North Sea | 2006

- Inspection of the bridges:
  GRENLAND Bridge
  Porsgrunn - Bamble, Norway | 2005
  ØRESUND Bridge
  Copenhagen, Denmark - Malmö, Sweden | 2006
  UDDEVALLA Bridge | Udevalla, Sweden | 2006

ROPE ACCESS

Rope access is a special technique used for accessing a workplace at height as well as difficult-to-access places and is time and cost efficient compared to other methods.

All Gridin's Group rope access technicians have all the necessary permissions, certificates and are specialists of various industrial professions, such as: fitter, welder, sandblaster, painter, electrician, locksmith, mechanic, rigger, non-destructive testing operator and etc.

Rope access activity areas:

- Offshore services.
- Bridge maintenance services.
- Chimney repair and maintenance.
- Rigging.
- Inspections.
- Assembly works.
- Wind Turbine Maintenance.
- Various rope access works.
-

Some of our projects

- CORE IRM
  Warious works on offshore platforms:
  TRIDENT 17 (Transocean Ltd.)
  Drilling jack up (Transocean Ltd.)
  Drilling rig GSF COMPACT DRILLER (GlobalSantaFe)
  Semisubmersible rig LEGEND (Transocean Ltd.)
  Vietnam; Thailand; Labuan, Malaysia
  2006 - 2008

- FMT INDUSTRIESERVICE GMBH
  Power plant NUON-MAGNUM
  Cleaning and painting of steel constructions (13.000 m2)
  Eemshaven, The Netherlands | 2013

- ATLANTIC MARINE SERVICES
  Repair and conversion works
  The Netherlands | 2013-2014

- HYDRO-EKO
  Wind generator VESTAS V-80
  Rymanów, Poland | 2014

- GLOBAL ENERGY GROUP
  Docking and repair of semi-submersible drilling rigs SEDCO 704" and SEDCO 712"
  Invergordon, Scotland | 2013

- MEMBRAN TEAM GMBH
  Construction of BAKU CRYSTAL HALL
  Baku, Aserbaidschan | 2012








SCAFFOLD
INSTALLATION

Gridin's Group provides specialist preparation and project management services for scaffold installation projects.

We provide the following services:

- Scaffold systems - Layher, Cuplock, Pipelock.
- Scaffold types – modular, mobile, supporting, roofs, bridges.
- Installation of weather protection plastic.
- Installation of fall protection net.

Some of our projects

- GRUPACON
  BILFINGER
  (INOS Zwijndrecht)
  Belgium
- GJALTEMA
  NUON MAGNUM,
  RWE (Power plant)
  Eemshaven,
  The Netherlands
- GSP OFFSHORE
  GSP SATURN Rig
  IJmuiden offshore,
  The Netherlands
- E.S.S. GERÜSTE
  IHC MERWEDE
  The Netherlands
  (Ship building yards)
- HCG GROEP
  TATA STEEL
  IJmuiden,
  The Netherlands
- HARSCO
  (SIEMENS PROJECT)
  Amsterdam,
  The Netherlands
- ORANJEGROEP
  HOLDING BV
  Damen Shiprepair
  Rotterdam enterprise
  Rotterdam,
  The Netherlands | 2011
- H.C.B. HET CERTIFICERINGS
  BUREAU B.V.
  Refinery plants
- PEPT OY
  METSA FIBRE BIOPRODUCT MILL
  Aanekoski, Finland | 2016-2017

SHIP INTERIOR
FINISHING

Some of our projects

- MS CONG HARALD, MS PORALYS
  Fossen Yard 2670, 7100 | Rissa, Norway | 2016
- AIDA PRIMA | Nagasaki, Japan | 2015-2016
- JEWEL OF THE SEAS | The Bahamas | 2016
- LEONARDO DA VINCI | Darica, Turkey | 2016
- **VICTORIA | Italiy | 2015**
- Radisson Royal Moscow flotilla:
  MONTANA,
  BUTTERFLY,
  BEAUTY,
  PRIMAVERA
  Latvia | 2016

Gridin's Group provides various complexity and scope ship interior outfitting services.

We provide the following services:

- Repair of worn-out system's parts.
- Heating, ventilation and air conditioning (HVAC).
- Wall, ceiling and floor installations.
- Interior finishing works.
- Furniture mounting.
- Installation of galley and sanitary facilities equipment.
- Insulation works.

INTERNATIONAL **TRAINING CENTER**

The basic training stages of technical specialists according to customer requirements are as follows:

- Analysis of technical specifications and requirements of a specific project received from a customer. Technical consultants of the Gridin's Group carry out their preliminary work by assessing the specific features and working conditions right in the customer's projects.
- Based on the data collected, a specialized program and tests are developed which comply with the specifics of the customer's work and conform to the health protection and safety requirements.
- Creation of specialized facilities (simulators) for practicing the necessary practical skills by using equipment analogous to that used at the customer's facilities.
- Candidate selection based on specific requirements.
- Theoretical training course and testing of candidates.
- Exercise of the specialists practical skills including simulation and modelling of various work situations.
- Final examination (if required, attended by a customer representative).
- Certification of specialists depending on the technical conditions of a customer.



Training of technical specialists by following the requirements of potential customers and for the integrated management and execution of various industrial projects.

Gridin's Group International Training Center (ITC) was founded in 2006 to respond efficiently to the market needs for training and the advanced training of technical specialists having rare specialities.

The Center's activities are accredited by the Industrial Rope Access Trade Association (IRATA) and the Global Wind Organization (GWO).

INTERNATIONAL
TRAINING CENTER







CHARITY FOUNDATION

ALEKSANDR GRIDIN FOUNDATION















Charity foundation projects


















ON 18th SEPTEMBER 2012 ALEKSANDR GRIDIN'S CHARITY FOUNDATION WAS ESTABLISHED.

The foundation supports and further develops the programs of the Gridin's Group that have been carried out for the last decade. These support programs were initiated by Aleksandr Gridin and are based on valuable cooperation principles in projects of public interest and respect for the individual, society and the environment.

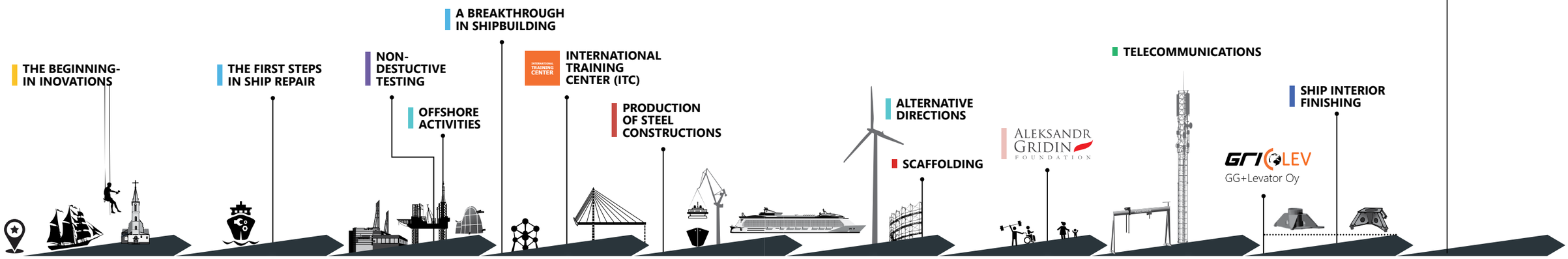
THE MAIN PURPOSE OF THE FOUNDATION'S ACTIVITY

is to provide integrated support to children, young athletes, support children from less fortunate families, promote their healthy lifestyle with sports and employment and provide assistance for large families, children of ethnic minorities or the elderly.

Areas of activity:

- Health.
- Sports.
- Social support.
- Active leisure (camps).
- Culture.

HISTORY
TIMELINE



Gridin's Group traces its roots to 1999 where Aleksandr Gridin along with his associates offered to use rope access method in ship inspection work. During the course of first orders the utility of this method became obvious and had a promising future. Soon after, this method was endorsed by classification societies, highly appreciated by the clients and served as a good recommendation for the company in its further activity.

By 2002, the sphere of company's activities had expanded. Apart from elevated work, the company began providing complex and qualitative ship repair services in Baltic States and West European markets. Tough competition demanded special competence from the group. Thus, experience and projects produced in high quality gave a positive feedback and references from the clients and became motivation for further company's development.

2005 for Gridin's Group was a year of success. The company got its first order in shipbuilding from clients in Finland. Its successful implementation allowed the company to rise to a higher level in the quality of ship repair work and to assay its abilities in a new sphere of activity – shipbuilding. Hard work and great results opened opportunities for the expansion in other locations, such as Norway, Sweden, The Netherlands, Belgium, Austria, Spain, Great Britain and more.

In 2006 Gridin's Group opened private educational center in Klaipeda (Lithuania) for training and education in specialties that there was a shortage of. The center gained International Training Center (ITC) status, and today offers a wide range of formal and informal training programs for either new or already experienced professionals.

The global financial crisis drove company's management to look for and expand into alternative types of activities. As a result, the company started providing services for structures involved in wind power engineering and other industrial constructions. It has solidified its position and growth in the offshore sector.

Aleksandr Gridin Charity Foundation was established in 2012.
the main purpose of the foundation is to provide integrated support to children, young athletes, to support the children of poor families, their health promotion, sports and employment. It provides help for large families and children of ethnic minorities.

In the end of the year 2014 Gridin's Group entered telecommunications market offering project management, maintenance, installation, commissioning and upgrading of mobile network services.

The corporation provides integrated project management and execution of industrial projects in the Oil and Gas sector as well as in the renewable and nuclear energy sectors, shipbuilding and ship repair industry, steel structure manufacturing and other industrial sectors worldwide, both offshore and onshore.

IRATA
Membership

NAB
Accreditation

Ministry of Education and Science of the Republic of Lithuania
Training Licence

Thickness Measurements of Ship Steel Structures
Certificate

Thickness Measurements on Ships
Certificate

NDT of Offshore Projects
Certificate

Thickness Measurements of Hull Structures
Certificate

Certification

State Nuclear Power Safety Inspectorate
Certificate

State Energy Inspection of the Republic of Lithuania
Certificate

ESP Hull Gauging
Certificate

Training
Accreditation