

NON-DESTRUCTIVE TESTING

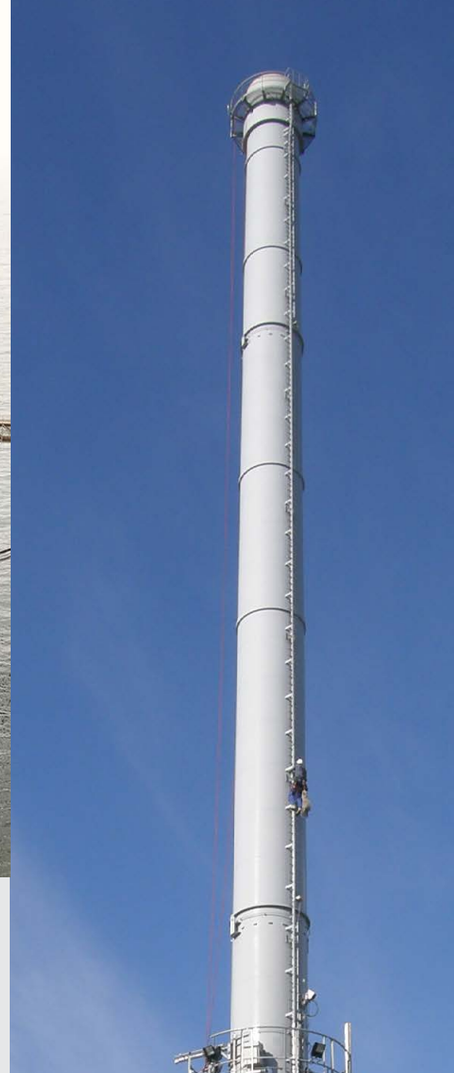
Gridin's Group certificates

ISO 9001
ISO 14001
ISO 18001

ABOUT US

Gridin’s Group, has been successfully providing non-destructive testing services in various industrial sectors since 2004.
The main activity of the company is non-destructive testing during metal structure production as well as the inspection of the commissioned ones.









We have extensive experience in the various offshore / onshore facilities:

- Oil refineries.
- Offshore platforms.
- Pipelines of various purposes.
- Bridges.
- Chimneys.
- Production of various steel structures.



SERVICES

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 (P-scan system):
  - » AUT – inspection of welded joints;
  - » C-scan – imaging of a scanned section with mapping of the residual thicknesses (corrosion map).

Specialists certified according to ISO 9712.





SERVICES

Reporting and documentation:

- Reporting according to the results of NDT.
- Metal structure assessment.
- Preparation of recommendations in regards of elimination of the revealed defects.
- Repair specification preparation.







TRAINING OF PERSONNEL



As part of our quality control system, we provide training for new employees and permanent periodic qualification development of already working professionals.
The company employs qualified (ISO 9712) non-destructive testing operators, many of whom are also certified rope access technicians (IRATA).



Personnel training and Qualification raising courses are performed by NDT specialists Level 3.
Certification according to ISO 9712 is performed only by accredited authorities.



COMPLETED PROJECTS

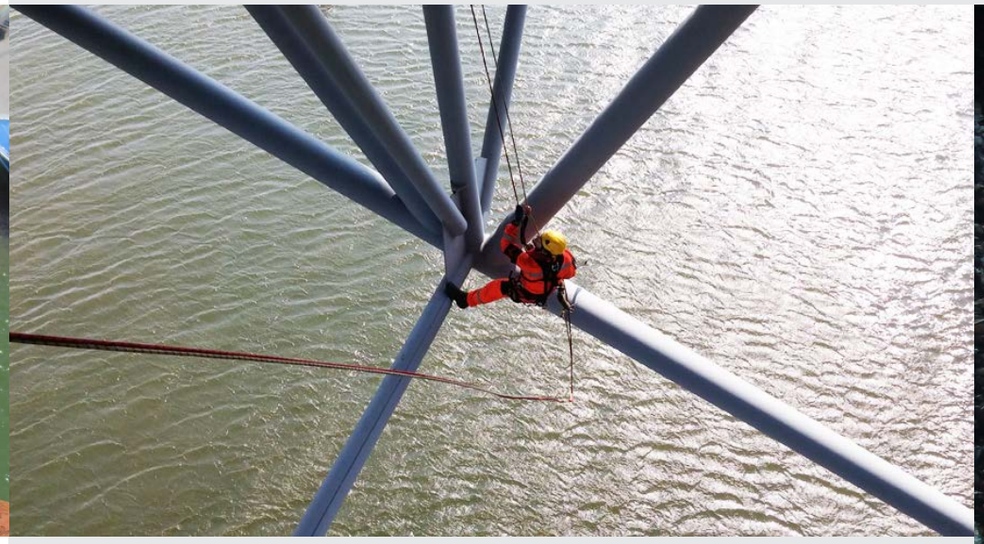
Inspection of oil platforms:

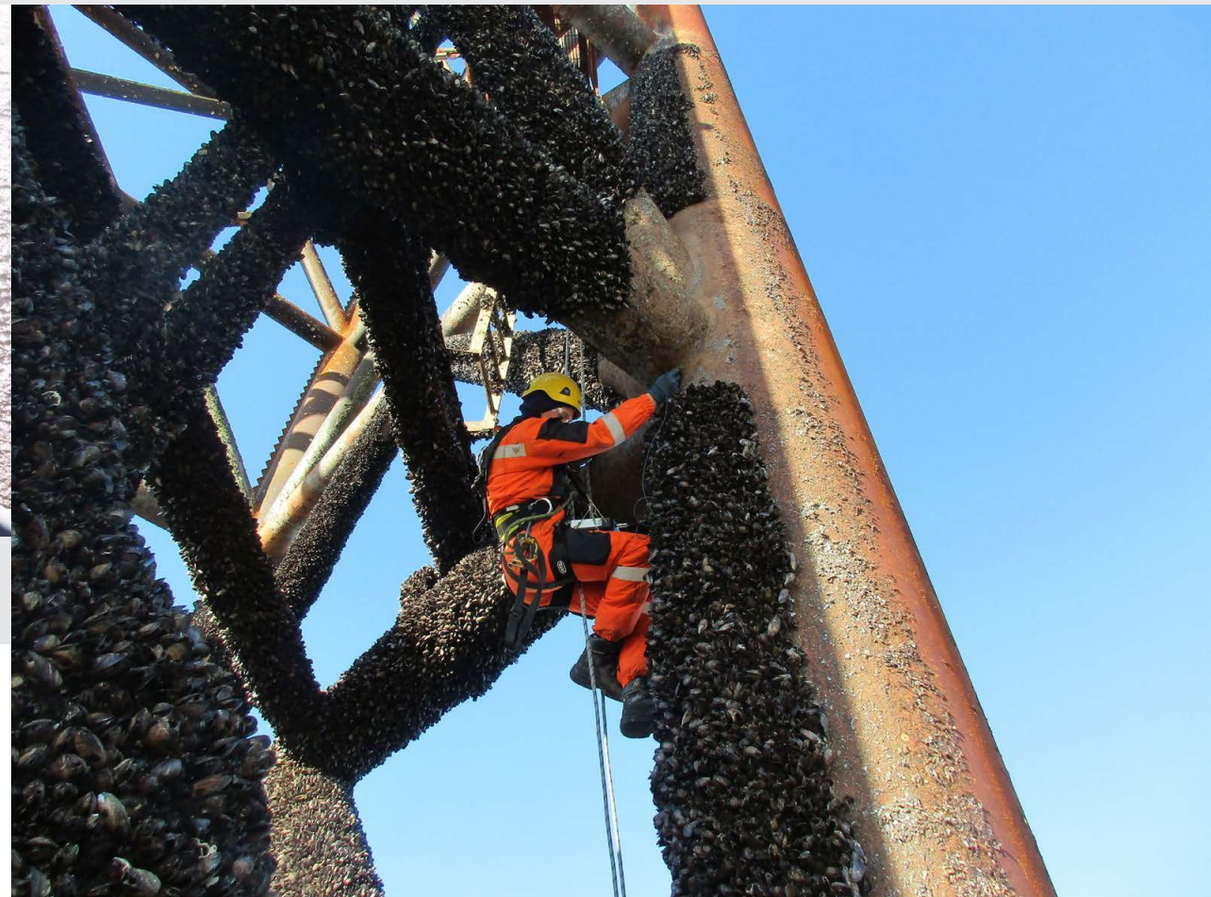
- Intermediate Survey of the oil rig "Atlantic Amsterdam";
- Special Survey of the oil rig "Atlantic Labrador";
- Annual Survey of the oil rig"Atlantic Esbjerg".



Customer: Teras Offshore Pte. Ltd.







NON-DESTRUCTIVE TESTING

COMPLETED PROJECTS

Inspection of oil platforms:

- Leg inspection of the oil rig "Atlantic Labrador" during intermediate survey;
- Anchor chain length compound inspection "NJORD A" platform;
- Weld joint inspection of a "Veslefrikk B" rig using eddy-current and ultrasound control methods;
- Inspection of an offshore vessel "PACIFIC OSPREY".

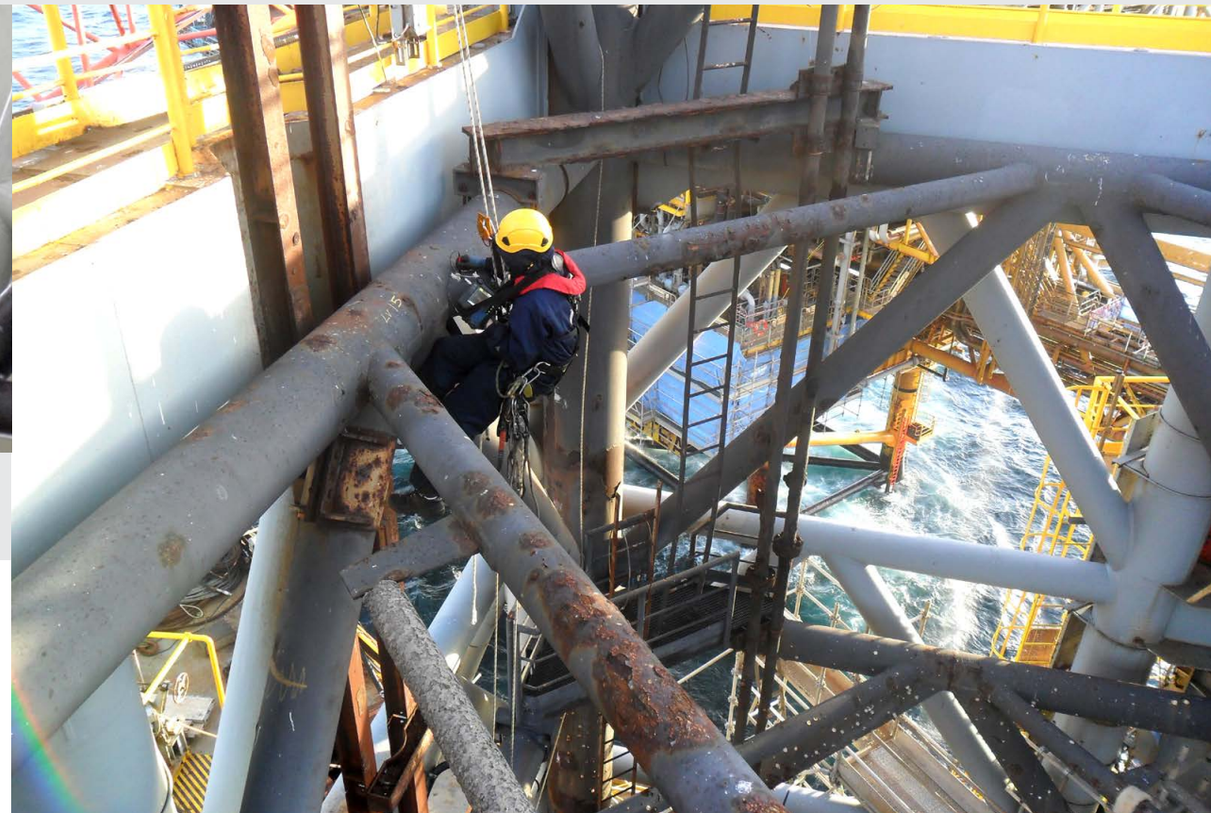


Customers:

Atlantic Marine Services B.V., StS Gruppen A/S, Swire Blue Ocean A/S.







COMPLETED PROJECTS

Inspection of oil platforms:

- Inspection of a drilling oil rig Trident 17 using eddy-current control method;
- Inspection of a drilling oil rig (Transocean Ltd.) using eddy-current control method;
- Metal structure residual thickness measurements of a drilling rig GSF Compact Driller;
- Pontoon metal structure residual thickness measurements of a semisubmersible drilling rig "LEGEND".



Customer: Core IRM







COMPLETED PROJECTS

Inspection of bridges:

- Residual thickness measurements of the Grenland Bridge (Norway).
- Visual inspection of the Øresund Bridge (Sweden).
- Visual inspection of the Uddevalla Bridge (Sweden).
- Weld joint non-destructive testing during the construction of the road bridge over the Neman river, A12 Riga-Tauragė-Kaliningrad, lane from 183.90 km to 187,90 km (Panemune, Lithuania).
- Weld joint non-destructive testing during the construction of a double intersection across the railway road and Nemuno str. (Klaipeda, Lithuania).









COMPLETED PROJECTS

Non-destructive testing of steel constructions:

Non-destructive testing (PT, MT, UT, ECT, UT) during the production of:

- Offshore reels of various sizes and purposes.
- Steel hull structures of hydraulic units (HPU).
- A variety of steel parts for wind turbines.
- Various steel structures for the port industry. (Klaipeda ferry terminal, Klaipeda gas terminal).



Customers:

AS "Bladt industries", AB "BMGS", AS "Advantec", AB "Vakarų laivų gamykla" and etc.







COMPLETED PROJECTS

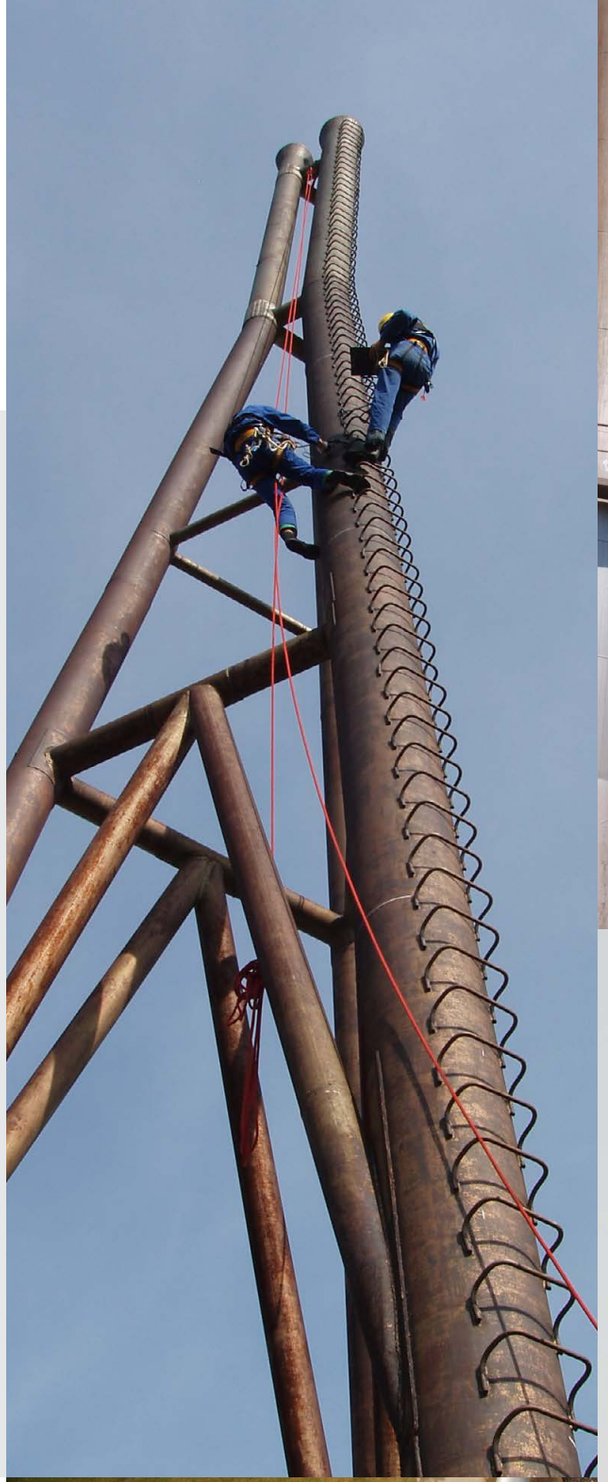
Inspection of chimneys:

- Routine boiler chimney stack inspection of the railroad depot;
- Shipyard’s masonry chimney inspection;
- Metal pipe assessment of the weaving factory
- Metal pipe assessment of the tobacco factory;
- Masonry chimney inspection of the Stevedoring Company.
- Masonry chimney inspection of a boiler room;
- Metal pipe assessment of the sawmill.



Customers:

UAB "Baltija", UAB "Bega", UAB "Linu audiniai", UAB "Philip Morris Lietuva", UAB "Pajūrio mediena", AB "Lietuvos geležinkeliai".









CERTIFICATES


NPS Folder No: 264.1-002206

DET NORSKE VERITAS

APPROVAL OF SERVICE SUPPLIERS

Certificate No.: KLA-14-5780

THIS IS TO CERTIFY THAT

UAB Klaipedos NK centras
Taikos pr.24a/314, LT-91222
Klaipeda, Lithuania

Ultrasonic Thickness Mea
with Approva

Category I: Authorised to

See enclosed

This Certificate is valid until 2017-0

Issued at Klaipėda on 2014-04-30

Andrius Uldu
District Mana

This Certificate may be cancelled if:
1. The service provided has been improperly
2. The surveyor has found any deficiencies in
3. The firm has failed to inform of any major c
4. The conditions listed in the appendix are cl

If any person suffers loss or damage which is proved t
person for his proved direct loss or damage. However,
compensation shall never exceed USD 2 million. In thi
employees, agents and any other acting on behalf of D

DET NORSKE VERITAS AS, Veritasveien 1, NO
Form No.: 20.80a Issue: June 2009

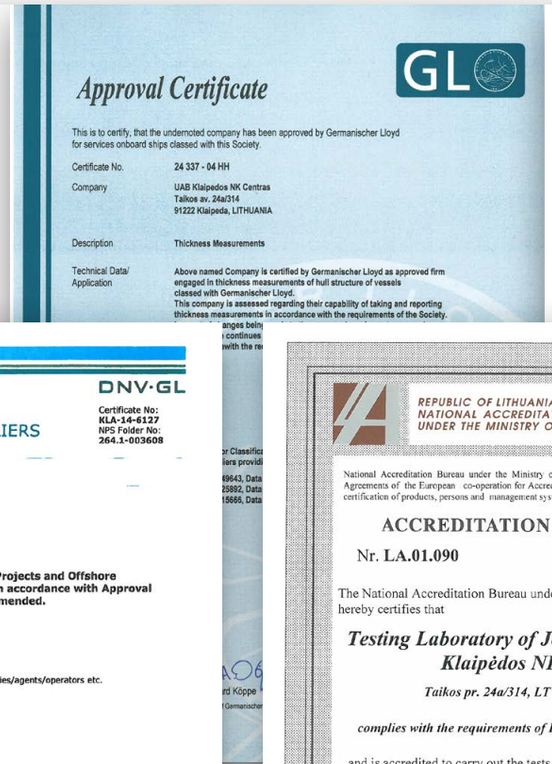

Polski Rejestr Statków

APPROVAL CERTIFICATE
ŚWIADECTWO UZNANIA

This is to certify that
Zaświadcza się, że

UAB „Klaipėdos NK centras"
Taikos pr. 24a/314
91222 Klaipeda
LITHUANIA

has been approved in accordance with the requirements of Polski Rejestr Statków S.A. (Publication 51/P) to perform:
uznano zgodnie z wymaganiami Polskiego Rejestru Statków S.A. (Publikacja 51/P) do wykonywania:


Approval Certificate

GL

This is to certify, that the undernoted company has been approved by Germanischer Lloyd for services onboard ships classed with this Society.

Certificate No. 24 337 - 04 HH

Company UAB Klaipedos NK Centras
Taikos av. 24a/314
91222 Klaipeda, LITHUANIA

Description Thickness Measurements

Technical Data/ Application Above named Company is certified by Germanischer Lloyd as approved firm engaged in thickness measurements of hull structure of vessels classed with Germanischer Lloyd.
This company is assessed regarding their capability of taking and reporting thickness measurements in accordance with the requirements of the Society.


NIPPON KAIJI KYOKAI

CERTIFICATE OF APPROVAL
FOR FIRMS ENGAGED IN
THICKNESS MEASUREMENTS ON SHIPS

Certificate No. : 13TZ137
Approval No. : 13TM021

NK Centras
aipeda, Lithuania
ss measurements on ships under the
Service Suppliers of the Society.
2018 subject to periodical surveillance.

NIPPON KAIJI KYOKAI


Page 1 of 2

Certificate No: MNDE/2013/5606
Date of Issue: 14 October 2013
Issue Office: London
LR File Ref: MNDE/41041

Lloyd's Register Approved Service Supplier

This is to Certify:

JSC "Klaipedos NK Centras"
Taikos av. 24a/314
Lithuania

has been assessed and approved in accordance with the requirements of *Lloyd's Register Approval for Thickness Measurement of Hull Structure* as a service supplier for the provision of

Thickness Measurements of Hull Structure

made in accordance with LR's relevant Rules and Regulations for Classification as amended from time to time. The thickness measurements may be used by the surveyors or shipowners' representatives when making decisions affecting classification, statutory certification or the operation of the ship.

Personnel Authorised to carry out Thickness Measurement Survey's pertinent to this approval are listed on page 2 of 2.

The approval is conditional upon the firm maintaining the audited scheme and notifying Lloyd's Register of any significant changes in personnel, equipment or procedures.

This certificate is issued to the above firm and is valid until the date given below.

Expiry Date: 08 October 2016

A King
Lloyd's Register EMEA
of the Lloyd's Register Group Limited

Lloyd's Register


ATTESTATION

No. RTD0/PSC/20140702141834

Issued within the scope of the Bureau Veritas Marine & Offshore Division General Conditions
Délivrée dans le cadre des Conditions Générales de la Division Marine & Offshore du Bureau Veritas

Certification of a Firm engaged in
Thickness Measurements of Hull Structures

This is to certify that:

Company: UAB KLAIPEDOS NK CENTRAS
Company address: TAIKOS AV. 24A/314
91222 KLAIPEDA
LITHUANIA

is certified by the Society to carry out and report on thickness measurements of hull structure of ships classed with the Society, within the scope of the Rules, Part A, Chapter 2.

This certification remains valid until : 25 June 2017

and may be renewed for a further period of 3 years, subject to satisfactory renewal audit. This certification is given subject to maintenance of original standards and ability of this firm, together with keeping informed the Society of any change in the information originally supplied.

At: Rotterdam on 2 July 2014

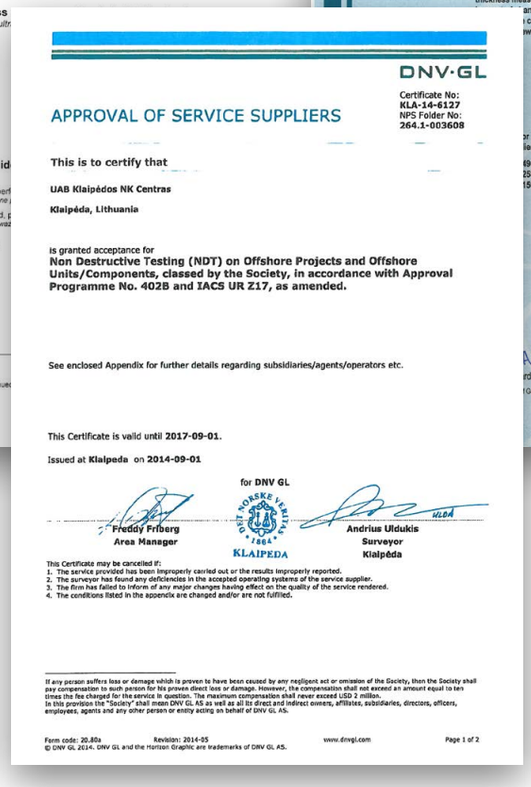
P. Schrijver
By order of the Secretary

The latest published Rules of the Bureau Veritas Marine & Offshore Division and the General Conditions therein are applicable.
La dernière édition des Règlements de la Division Marine & Offshore du Bureau Veritas ainsi que les conditions Générales qui y figurent sont applicables

Any person not a party to the contract pursuant to which this certificate is delivered may not assert a claim against Bureau Veritas for any liability arising out of errors or omissions which may be contained in said certificate, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in the establishment or issuance of this certificate, and in connection with any activities for which it may provide.

Toute personne qui n'est pas partie au contrat aux termes duquel ce document est délivré ne pourra élever aucune réclamation à l'encontre de Bureau Veritas pour tout préjudice susceptible de provenir de constatations, erreurs ou omissions figurant dans ledit document, ou pour toute erreur de jugement, faute ou négligence attribuées par le personnel de la Société ou par ses agents dans l'établissement de ce document et dans l'exécution des interventions qu'il comporte.

Ad NE1537


DNV·GL

APPROVAL OF SERVICE SUPPLIERS

Certificate No: KLA-14-6127
NPS Folder No: 264.1-003608

This is to certify that

UAB Klaipėdos NK Centras

Klaipėda, Lithuania

is granted acceptance for
Non Destructive Testing (NDT) on Offshore Projects and Offshore Units/Components, classed by the Society, in accordance with Approval Programme No. 4028 and IACS UR Z17, as amended.

See enclosed Appendix for further details regarding subsidiaries/agents/operators etc.

This Certificate is valid until 2017-09-01.

Issued at Klaipeda on 2014-09-01

for DNV GL

Freddy Friberg
Area Manager

Andrius Uldukis
Surveyor
Klaipėda

This Certificate may be cancelled if:
1. The service provided has been improperly carried out or the results improperly reported.
2. The surveyor has found any deficiencies in the accepted operating systems of the service supplier.
3. The firm has failed to inform of any major changes having effect on the quality of the service rendered.
4. The conditions listed in the appendix are changed and/or are not fulfilled.

If any person suffers loss or damage which is proven to have been caused by any negligent act or omission of the Society, then the Society shall pay compensation to such person for his proven direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question. The maximum compensation shall never exceed USD 2 million.
In this provision the "Society" shall mean DNV GL AS as well as all its direct and indirect owners, affiliates, subsidiaries, directors, officers, employees, agents and any other person or entity acting on behalf of DNV GL AS.

Form code: 20.80a Revision: 2014-05 www.dnvgl.com Page 1 of 2
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REPUBLIC OF LITHUANIA
NATIONAL ACCREDITATION BUREAU
UNDER THE MINISTRY OF ECONOMY

National Accreditation Bureau under the Ministry of Economy is a signatory of the Multilateral Agreements of the European co-operation for Accreditation (EA) for calibration, testing, inspection, certification of products, persons and management systems

ACCREDITATION CERTIFICATE

Nr. LA.01.090 Valid until 21/7/2018

The National Accreditation Bureau under the Ministry of Economy hereby certifies that

Testing Laboratory of Joint-Stock Company Klaipėdos NK Centras

Taikos pr. 24a/314, LT – 91222 Klaipėda

complies with the requirements of LST EN ISO/IEC 17025:2005

and is accredited to carry out the tests of

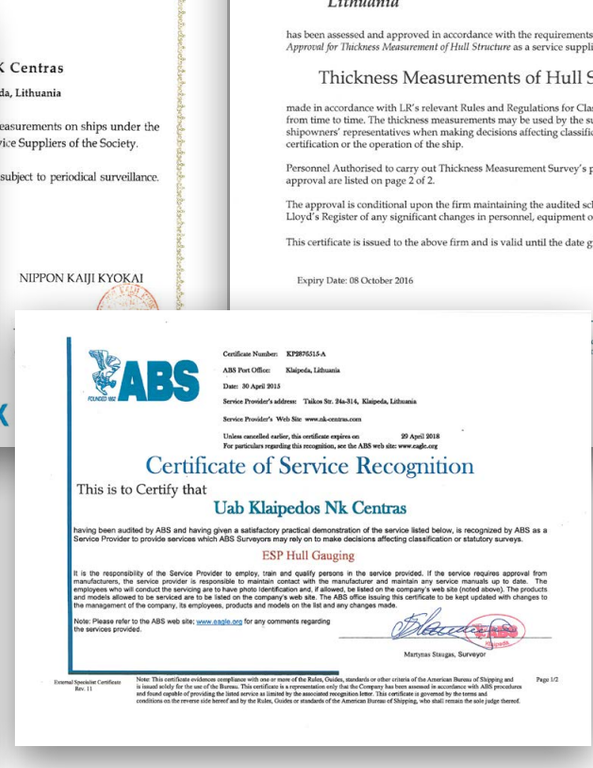
ultrasonic thickness measurements of metallic and non-metallic materials; ultrasonic, penetrant and magnetic particles testing of welding seams, welded joints; ultrasonic testing of industrial products where ultrasound can be transmitted

The scope of accreditation is listed in the Annex

The first Accreditation Certificate was issued 22/7/2008

Director Jurgis Šarmavičius

22/7/2013, Vilnius


ABS

Certificate Number: KP3876515-A
ABS Port Office: Klaipeda, Lithuania
Date: 30 April 2015
Service Provider's address: Taikos Str. 24a-314, Klaipeda, Lithuania
Service Provider's Web Site: www.nk-centras.com
Unless cancelled earlier, this certificate expires on 29 April 2018
For particulars regarding this recognition, see the ABS web site: www.eagle.org

Certificate of Service Recognition

This is to Certify that

Uab Klaipedos Nk Centras

having been audited by ABS and having given a satisfactory practical demonstration of the service listed below, is recognized by ABS as a Service Provider to provide services which ABS Surveyors may rely on to make decisions affecting classification or statutory surveys.

ESP Hull Gauging

It is the responsibility of the Service Provider to employ, train and qualify persons in the service provided. If the service requires approval from manufacturers, the service provider is responsible to maintain contact with the manufacturer and maintain any service manuals up to date. The employees who will conduct the servicing are to have photo identification and, if allowed, be listed on the company's web site (noted above). The products and models allowed to be serviced are to be listed on the company's web site. The ABS office issuing this certificate to be kept updated with changes to the management of the company, its employees, products and models on the list and any changes made.

Note: Please refer to the ABS web site; www.eagle.org for any comments regarding the services provided.

Martynas Staugas, Surveyor

External Specialist Certificate Rev. 11

Note: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of the American Bureau of Shipping and is issued solely for the use of the Bureau. This certificate is a representation only that the Company has been assessed in accordance with ABS procedures and found capable of providing the listed service as limited by the associated recognition letter. This certificate is governed by the terms and conditions on the reverse side hereof and by the Rules, Guides or standards of the American Bureau of Shipping, who shall remain the sole judge thereof.

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Gridin's Group certificates

ISO 9001
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ISO 18001

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Gridin's Group certificates

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