



WHO WE ARE

ANKA NDT is a global technology-driven survey provider delivering advanced NDT, UTM, RIT, and ROV solutions across the international maritime and offshore industries.

We eliminate traditional operational bottlenecks by integrating Rope Access, Elios 3 drone systems, underwater UT thickness measurement ROVs, and certified Low Location Lighting (LLL) testing. Beyond conventional surveys, our advanced NDT capabilities specialize in detecting deep-seated micro-cracks, delaminations, and structural discontinuities in high-performance fiberglass and carbon composite classed vessels.

Powered by a elite force of over 30 fully certified technicians—equipped with seaman's books and active US, UK, and Schengen visas—we deploy worldwide on immediate notice to deliver rapid, safe, and zero-compromise precision.

ANKA NDT — Next-Generation Inspection Technologies. Absolute Assurance.



Global Operations

Providing inspection services worldwide with highly mobile and certified teams.



Advanced Technology

Utilizing drones, ultrasonic systems, and innovative inspection methods.



Trusted & Certified

Compliant with IACS requirements and international industry standards.

OUR SERVICES

Comprehensive inspection, access and reporting solutions for marine sector



01

**ULTRASONIC
THICKNESS MEASUREMENT**



02

ROPE ACCESS



03

DRONE INSPECTION



04

**COMPOSITE INSPECTION
— GRP / CFRP**



05

**UNDERWATER ROV
INSPECTION**



06

PAUT & TOFD INSPECTION



07

**CONVENTIONAL
NDT SERVICES**



08

**RADIOGRAPHIC
TESTING & SHIELDING**



09

**HATCH COVER &
WATERTIGHTNESS TESTING**



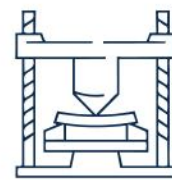
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**THERMAL IMAGING
INSPECTION**



11

**VIDEOSCOPE & BORESCOPE
INSPECTION**



12

**METALLURGICAL
VERIFICATION & ANALYSIS**



13

VIBRATION ANALYSIS



14

**LLL INSPECTION
& CERTIFICATION**



15

**ATEX & EX-PROOF
TANKER SURVEYS**

MISSION

To provide impartial, high-precision solutions at international standards by utilizing the latest non-destructive testing technologies to ensure the safety and sustainability of industrial assets.

We are committed to being a trusted partner for our stakeholders by minimizing operational risks through engineering excellence and ethical values.

VISION

To become a globally recognized leading inspection body that pioneers technological transformation in NDT and engineering solutions, setting the quality benchmarks for the industry.



GLOBAL CAPABILITY

READY WHEREVER THE VESSEL SAILS

Mobile teams, certified technicians and advanced inspection system operating across ports, shipyards and vessels worldwide.



**50+ Visa-Ready
Technicians**



**In-Voyage
Surveys**



Schengen Ready



**Certified
Seafarers**



ULTRASONIC THICKNESS MEASUREMENT SERVICES

UTM: GLOBAL MOBILITY

Massive scale meets rapid response. With 50+ visa-ready technicians, we are the world's most mobile NDT powerhouse.



01

In-Voyage Surveys:

We work while you sail—zero downtime, maximum efficiency.



02

Unlimited Capacity:

Dozens of teams, hundreds of devices, one standard: Excellence.



03

Schengen Ready:

Our entire technical team holds valid **Schengen visas**, enabling us to reach any European port or shipyard at a moment's notice.



04

Certified Seafarers:

Every technician is equipped with a professional **Seaman's Book**. This allows us to join vessels on-voyage or at anchorage without administrative delays, ensuring inspections continue while you sail.



05

Safety is our absolute priority in volatile environments. **Anka NDT** utilizes a full suite of **Intrinsically Safe (Ex-proof)** equipment, specifically designed for high-precision UTM and NDT on oil tankers, LNG/LPG carriers, and chemical vessels.

Precision in Motion

Ultrasonic thickness measurement
without interrupting operations.



ROPE ACCESS: REACHING THE UNREACHABLE

Why build scaffolds when you can fly? **Anka NDT** combines elite mountaineering skills with technical expertise to perform inspections in the most challenging locations.



01

Swift & Cost-Effective:

No scaffolding, no heavy machinery, and zero downtime. We deploy in minutes, not days.



02

Integrated Inspection:

Our IRATA-certified technicians perform **UTM, NDT, and visual surveys** while suspended at any height or depth.



03

Full Coverage:

From high masts and derrick structures to internal tank inspections, we reach every corner of your vessel safely.



04

IACS Standards:

Every measurement taken at height meets the same rigorous **IACS-approved** quality as our ground-level operations.

Access Without Limits.



DIGITIZE THE INACCESSIBLE: ELIOS 3 REVOLUTION

We don't just inspect; we create a digital heartbeat for your assets. By combining **5+ years of pioneering drone expertise** with the world-first **Flyability Elios 3** technology, **Anka NDT delivers** data where humans cannot reach.



01

Infinite Endurance:

Powered by our unique **Unlimited Power System**, we eliminate battery constraints. We stay airborne until the mission is 100% complete—offering "endless" flight time for massive tank systems and cargo holds.



02

Smart Rust-Breaking UT Payload:

Surface prep is no longer a barrier. Our drone features a specialized **cleaning & probing attachment** that penetrates rust and scale to deliver ultra-accurate ultrasonic thickness readings directly from the base metal.



03

3D LiDAR Mapping & Digital Twin:

Experience s.cm-accurate reality. Our LiDAR sensors scan **1.3 million points per second**, generating high-density 3D models to track structural deformations and corrosion with surgical precision.



04

Hazardous Environment Mastery:

From **Gas Sensing** to **operating in high-risk zones**, our collision-resilient, specialized fleet handles the most dangerous environments while your crew stays safe on deck.



05

The Elite Fleet:

Every measurement taken at height meets the same rigorous **IACS-approved** quality as our ground-level operations.



Data Beyond Human Reach.

COMPOSITE & CARBON FIBER INSPECTION AND THICKNESS MEASUREMENT

Modern vessels and yachting demand modern solutions. We use specialized, high-frequency diagnostic tools to master the complexity of **Carbon Fiber & Composites**.



01

Deep Insight:

Detecting delamination and voids before they become disasters.



02

Ultra-Accuracy:

Science-driven inspection for the next generation of hulls.



03

In the luxury yachting sector, **Anka NDT** stands alone. We are the **only IACS-authorized specialist** delivering high-precision NDT for advanced Carbon Fiber and Composite hulls.



04

Invisible Precision:

Detecting delamination and structural flaws with aerospace-grade tools—zero marks, total accuracy.



Precision Without a Trace

SUBMERSIBLE UAV & ROV: THE UNDERWATER FRONTIER

Stop discharging tanks. Stop risking stability. **Anka NDT** introduces a revolutionary hybrid Drone/ROV technology that redefines underwater inspections. We perform high-precision surveys in fully loaded tanks and submerged environments, keeping your vessel stable and your operations running.

Industry-First Underwater LiDAR & UTM:

A global breakthrough. Our hybrid systems perform **3D LiDAR Mapping** and **Ultrasonic Thickness Measurement (UTM)** simultaneously underwater. We deliver structural data from the depths with surgical precision.

Zero Drainage, Maximum Stability:

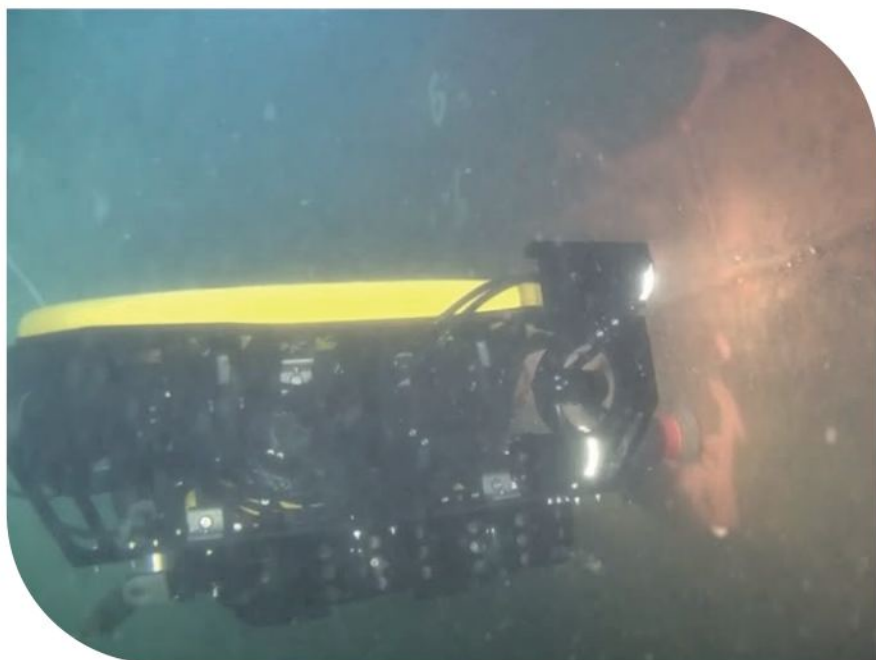
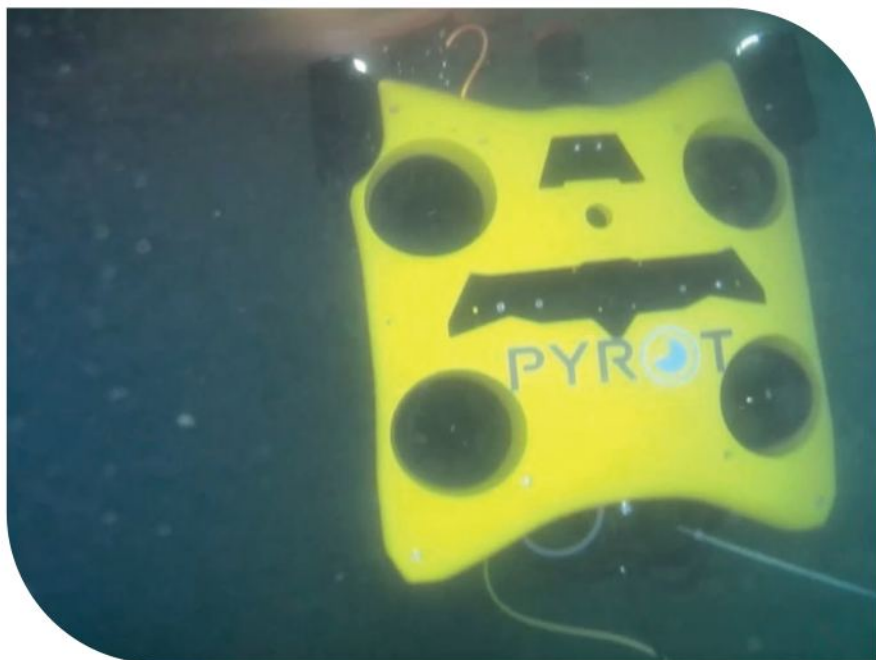
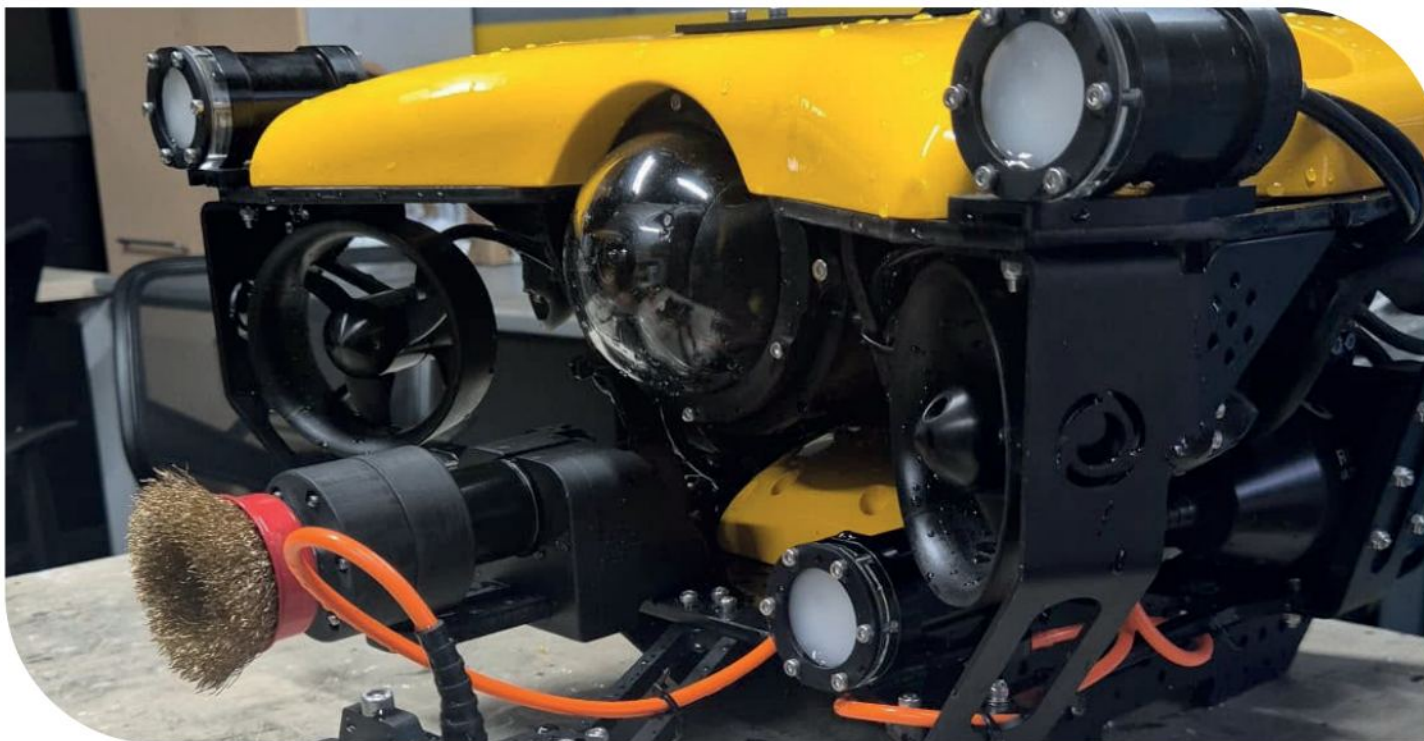
No need to empty tanks or transfer ballast. By inspecting submerged areas directly, we preserve the vessel's stability and eliminate days of preparation and downtime.

3D Subaquatic Digital Twins:

We generate centimeter-accurate 3D models of underwater structures, pipelines, and internal tank surfaces, allowing for precise deformation tracking over time.

Crystal Clear Visual Integrity:

Equipped with specialized high-lumen lighting and 4K underwater optics, we capture every detail of corrosion, pitting, or cracks—even in turbid conditions.



ADVANCED NDT: PAUT & TOFD

THE FUTURE OF NDT

Why guess when you can see? Our PAUT & TOFD services offer high-speed, digital "X-ray vision" without the radiation.



01

Volumetric Precision

Spotting the invisible with 100% digital traceability.



02

Total Safety:

No exclusion zones, no risks—just pure, high-definition data.



03

Class Approved:

Delivering results that satisfy the toughest IACS surveyors.



See deeper.
— Act safer.

CORE NDT: THE ART OF PRECISION

These methods are the backbone of maritime safety. At **Anka NDT**, we don't just perform tests; we deliver **IACS-certified certainty** with unmatched speed and elite technical discipline.

Ultrasonic Weld Inspection (UT):

Going deep beyond the surface. We identify internal flaws and weld integrity with surgical accuracy.

Delamination & Lamination Detection:

We utilize high-frequency ultrasonic waves to identify internal layer separations and lamination defects within steel plates and composite structures. By spotting these hidden structural voids—invisible to the eye—we prevent catastrophic failures before they start, ensuring the total integrity of the vessel's "skin."

Magnetic Particle (MT) & Liquid Penetrant (PT):

Zero-tolerance for surface cracks. Using high-contrast and **Fluorescent (UV) methods**, we make the invisible visible under any lighting condition.

Vacuum Testing:

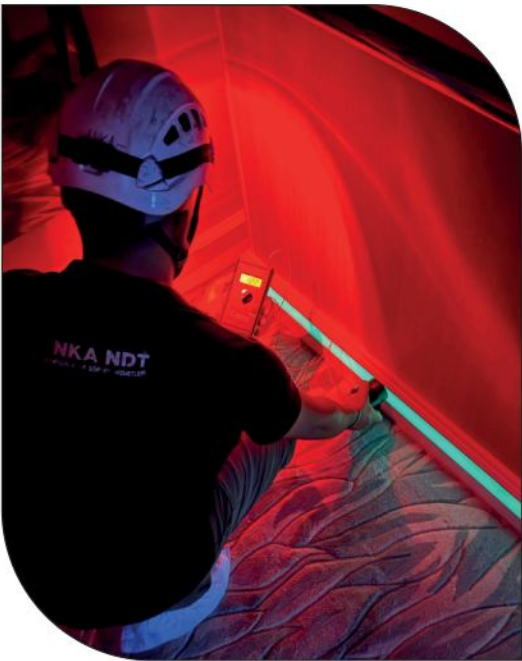
Guaranteed leak-tightness for tanks and weld seams. We ensure your vessel's boundaries are impenetrable.

Visual Inspection (VT):

The first line of defense. Our expert surveyors use high-definition boro-scopes and veteran eyes to spot structural fatigue before it starts.

Fluorescent Inspection:

When standard testing isn't enough, our UV-based specialized techniques reveal even the most microscopic capillary defects in critical components.



RADIOGRAPHIC TESTING (RT) & ADVANCED SHEILDING

When the internal structure needs to be seen with absolute clarity, our **Radiographic Testing (X-Ray)** services provide the ultimate "look inside" the metal.

High-Definition Imaging:

We capture the internal DNA of your welds, providing clear, film or digital records of any subsurface defects.

X-Ray & Gamma Ray Capability:

Utilizing both X-Ray tubes and Gamma sources to penetrate various material thicknesses, from thin piping to heavy engine components.

Safety-First Protocol:

Radiation is serious business. Our teams are elite experts in perimeter isolation and safety management, ensuring zero risk to your crew or shipyard personnel.

Vacuum Testing:

Guaranteed leak-tightness for tanks and weld seams. We ensure your vessel's boundaries are impenetrable.

IACS & ISO Standards:

Every shot is taken, processed, and interpreted by Level II/III specialists in strict accordance with international classification rules.

HATCH COVER & WATERTIGHT INTEGRITY TESTING

Your cargo's safety starts with a perfect seal. **Anka NDT** provides precision testing for hatch covers, access doors, and manholes, ensuring your vessel is 100% watertight and fully compliant with P&I Club requirements.

Ultrasonic Leak Detection:

Utilizing high-frequency ultrasonic equipment, we detect the smallest air or water gaps in seals and gaskets without using water—making it the most accurate, eco-friendly, and cargo-safe method available.

Pre-P&I Condition Surveys:

Don't wait for a claim. We conduct rigorous inspections before your P&I or Class surveys, identifying potential leakage points and ensuring your vessel passes the first time.

Hose Testing & Visual Assessment:

Where traditional methods are required, we perform certified hose testing and detailed visual inspections of rubber packings, compression bars, and drainage channels.

Watertight Door Verification:

Beyond the decks, we verify the integrity of engine room doors and steering flat hatches, maintaining the internal subdivision and safety of your vessel.





Her Seal Secured.

Every Voyage Protected.

THERMAL VISION: SEEING THE INVISIBLE THREAT

Every failure leaves a heat signature. **Anka NDT** uses high-resolution thermal imaging to "diagnose" your vessel's health without touching a single component. We find the heat before it turns into a disaster.

Electrical Diagnostics:

We pinpoint loose connections, overloaded circuits, and phase imbalances in switchboards and motor control centers—eliminating fire risks before they ignite.

Mechanical Health:

By analyzing the heat patterns of **Main Engines and Electric Motors**, we detect bearing friction, cooling blockages, and misalignments that the naked eye can't see.

Leak & Insulation Detection:

Our sensors reveal energy losses and hidden fluid leaks in piping and boiler insulation, optimizing your vessel's thermal efficiency.

Predictive Maintenance:

Don't wait for a breakdown. Our thermal reports provide a clear roadmap for your next dry-dock, saving thousands in emergency repairs.

See It Before

It Becomes a Threat.



VIDEOSCOPE & BOROSCOPE: THE INSIDE VIEW

Why dismantle when you can see clearly? **Anka NDT** provides advanced internal visual inspections using high-definition, flexible videoscopes. With our extensive range of probe diameters, we can access and inspect any internal component without the need for costly engine or boiler opening.

Multi-Diameter Precision:

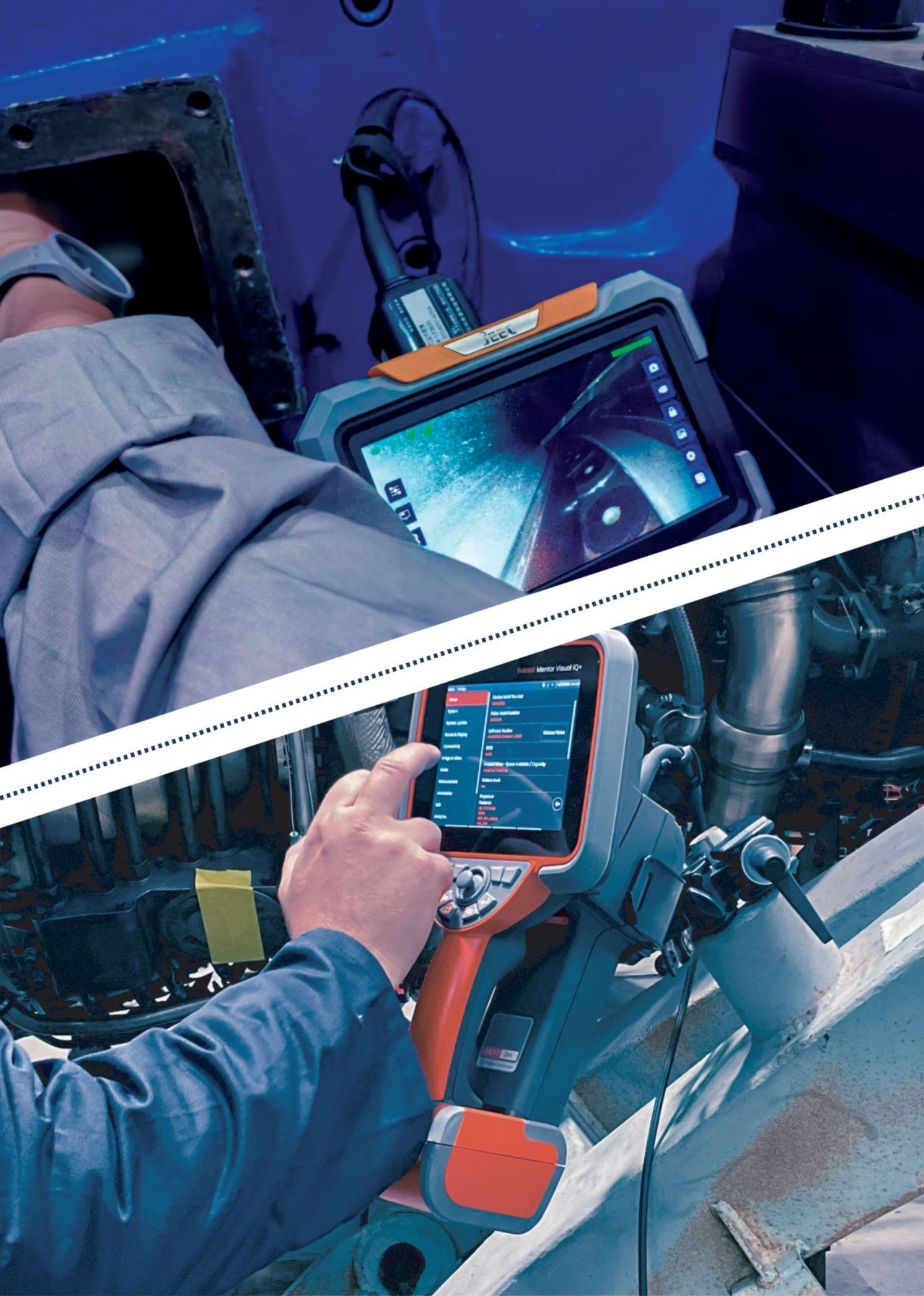
We are equipped with a professional fleet of probes in **3mm, 4mm, 6mm, and 8mm** diameters. No matter how small or complex the access point, we have the right tool to get inside.

Full-Articulation Control:

Our 4-way articulating heads and high-intensity LED lighting allow us to navigate around corners and through narrow bends with surgical precision.

Digital Documentation:

We provide crystal-clear 4K photos and videos of every inspection, offering undeniable proof for Class surveyors and insurance records.



METALLURGICAL VERIFICATION & ADVANCED ANALYSIS

We don't just inspect shapes; we verify the soul of the metal. **Anka NDT** ensures that every alloy, weld, and component meets the exact metallurgical specifications required for high-stress maritime environments.

Positive Material Identification (PMI):

Instant chemical analysis. Using portable XRF/OES technology, we verify alloy grades in seconds, ensuring the correct material is used for critical valves, pipes, and structures.

Delamination & Lamination Detection:

We utilize high-frequency ultrasonic waves to identify internal layer separations and lamination defects within steel plates and composite structures. By spotting these hidden structural voids—invisible to the eye—we prevent catastrophic failures before they start, ensuring the total integrity of the vessel's "skin."

Hardness Testing:

On-site verification of material strength. We measure the structural integrity and heat-treatment quality of engine parts and welded joints to prevent fatigue-related failures.

Eddy Current Testing (ECT):

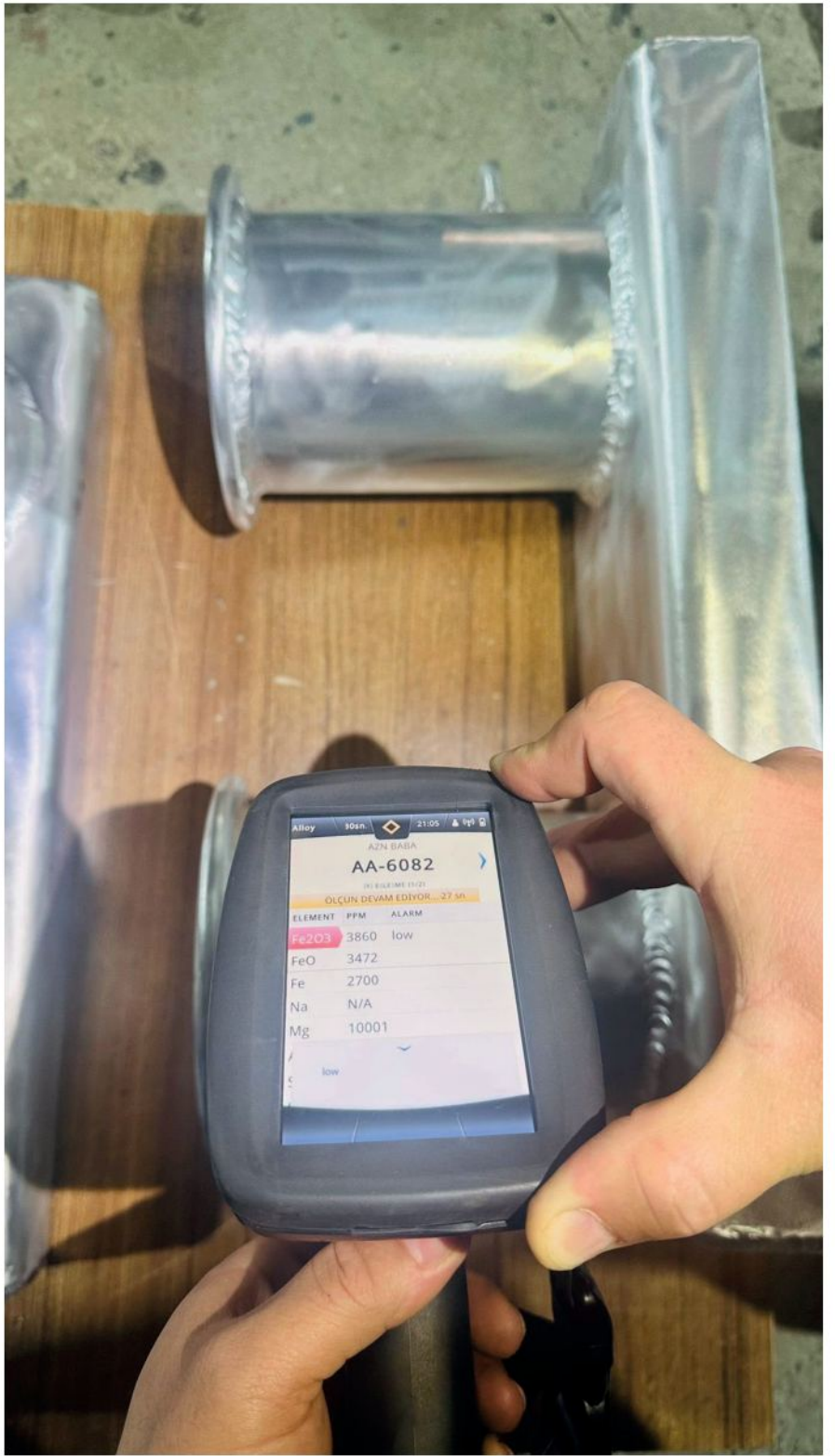
The gold standard for heat exchanger and condenser tubes. We detect surface and near-surface cracks in conductive materials without removing coatings.

Leak & Pressure Testing:

Beyond vacuum tests, we perform hydrostatic and pneumatic pressure testing to guarantee the absolute tightness of your pressure vessels and piping systems.

Holiday Detection (Pinhole Testing):

We find the invisible "pinholes" in protective coatings, preventing future corrosion before it even starts.



VIBRATION ANALYSIS: THE HEARTBEAT OF RELIABILITY

We listen to the rhythm of your machinery to predict the future. **Anka NDT** provides advanced vibration analysis to detect mechanical "stress" long before it leads to catastrophic failure or costly downtime.

Predictive Diagnostics:

By measuring the vibration frequencies of **Main Engines, Turbos, Pumps, and Generators**, we identify early signs of bearing wear, shaft misalignment, and imbalance.

Structural Resonance Testing:

We analyze hull and deck vibrations to ensure structural comfort and prevent fatigue-related cracks in critical vessel sections.

Precision Balancing:

Our experts provide on-site dynamic balancing solutions to extend the life of your rotating equipment and reduce energy consumption.

IACS-Ready Reporting:

Detailed spectral analysis that gives technical managers a clear "Go / No-Go" status for every critical component on board.



Every Vibration Tells a Story.

LLS: LOW LOCATION LIGHTING SYSTEMS

LIGHTING THE PATH TO SAFETY

Safety is non-negotiable when visibility is lost. **Anka NDT** provides comprehensive LLS measurements and inspections, ensuring your vessel remains **IACS compliant** and your crew stays safe.

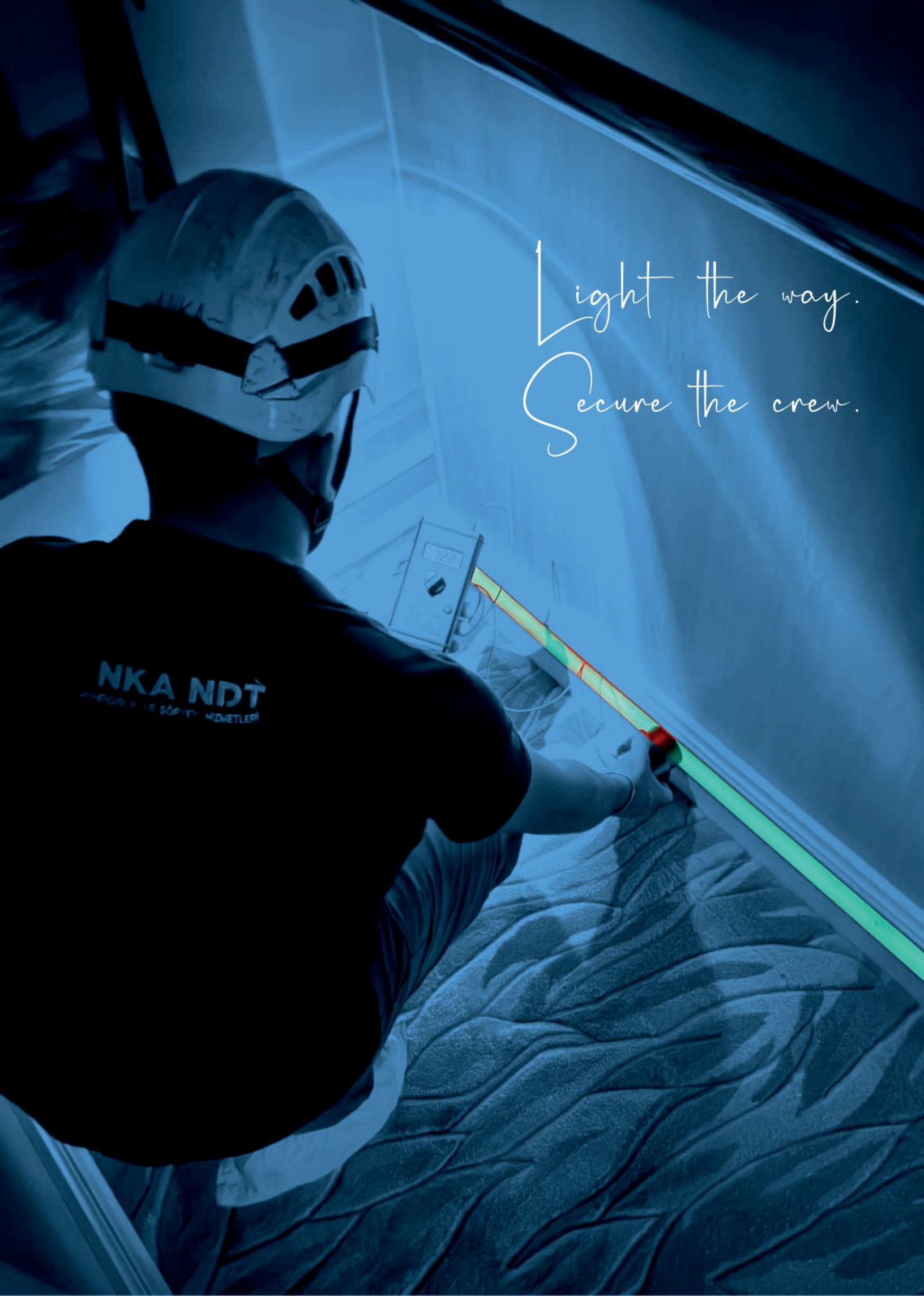
Dual-System Expertise: We utilize two specialized, state-of-the-art diagnostic devices tailored for different lighting technologies:

- * **Photoluminescent Strips:** Precision measurement of light storage and emission levels for standard glow-in-the-dark strips.
- * **LED-Based Systems:** Advanced luminance testing specifically for electrically powered LED emergency path markers.

Rapid & Reliable: Fast on-board testing with instant results to ensure zero delay in certification.

Full Compliance: Detailed reporting that meets the strictest IMO and Class requirements.



A person wearing a white safety helmet and a black t-shirt is using a laser level. The laser beam, which is red and green, is projected onto a wall. The person's t-shirt has the text "NKA NDT" and "KURUMSAL VE SÖRÜŞTÜRME HİZMETLERİ" on it. The background is a construction site with a concrete wall and a wooden formwork. The overall image has a blue tint.

Light the way.
Secure the crew.

NKA NDT
KURUMSAL VE SÖRÜŞTÜRME HİZMETLERİ

ATEX & EX-PROOF PRECISION: RISK-FREE TANKER SURVEYS

Safety is our absolute priority in volatile environments. **Anka NDT** utilizes a full suite of **Intrinsically Safe (Ex-proof)** equipment, specifically designed for high-precision UTM and NDT on oil tankers, LNG/LPG carriers, and chemical vessels.

Intrinsically Safe Operations:

We eliminate the risk of ignition. Our ATEX-certified devices allow us to operate safely in hazardous zones (Zone 0, 1, and 2) without compromising the safety of the vessel or crew.

Non-Stop Productivity:

No need to halt operations or wait for "gas-free" conditions in specific scenarios. Our certified technology ensures seamless inspection while maintaining the highest safety protocols.

Specialized Tanker Expertise:

Our technicians are veterans of the tanker industry, fully trained in terminal safety, gas-carrier protocols, and the rigorous demands of the global energy fleet.

Spark-Free Assurance:

Every measurement taken on a cargo deck or inside a pump room is executed with specialized tools that guarantee Zero Spark risk.

