

# NDT & Inspection

## **Semco Maritime delivers advanced NDT and inspection services across offshore, onshore, and marine assets.**

Our certified inspectors, integrity engineers, and advanced technicians deliver flexible, reliable, and data-driven inspection services tailored to your specific requirements. As a core part of our Service & Maintenance portfolio, we support everything from single urgent assignments to comprehensive, long-term framework agreements.

With more than 40 years of experience across offshore installations, shipyards, and large-scale onshore facilities, we combine traditional craftsmanship with cutting-edge technology to protect your capital investments.

Our integrated approach is designed for the modern energy landscape: we optimize workflows, dramatically reduce offshore personnel requirements (POB), and deliver efficient, high-quality results.

From Risk-Based Inspection (RBI) planning to executing complex campaigns in high-risk environments, we ensure your assets remain safe, compliant, and productive. We work in full compliance with NORSOK, NS415, and international standards, guaranteeing that all testing and documentation meet the highest industry requirements.



## **Why Choose Us?**

- **Integrated Campaign Execution:**  
We combine inspection, advanced robotics, corrosion control, and mechanical repair into multi-disciplined teams, maximizing efficiency while maintaining an uncompromised safety record.
- **Next-Gen Tech, Reduced Risk:**  
By deploying advanced drones and crawler robots for confined spaces, splash zones, and subsea structures, we eliminate high-risk human entry and lower operational costs.
- **End-to-End Anomaly Management:**  
We don't just find flaws; we manage them. Our team actively assesses anomalies, contextualizes data, and delivers actionable engineering reports to support your maintenance decisions.
- **Rapid Mobilization:**  
With a wide network of certified inspectors and specialists available at short notice, we are ready to support projects of any scale globally.



## We Specialise In:

### Advanced Asset Integrity & Technology

- **Risk-Based Inspection (RBI):**  
Structured planning, service delivery, and lifecycle integrity management
- **Robotics & Drones:**  
Remote inspection solutions for confined spaces, topsides, splash zones, and subsea assets
- **Anomaly Assessment & Reporting:**  
Expert evaluation of inspection data, defect characterisation, and fitness-for-service reporting



## Access & Marine Services

- **Rope Access (IRATA/SOFT):**  
Inspection combined with corrosion control, rigging, and surface treatment.
- **Classification & SPS Inspections:**  
Rig, vessel, and platform compliance surveys for major class societies.
- **Standardized Documentation:**  
Full reporting and data integration in accordance with NORSOK and international standards.

## Conventional & Advanced NDT

- Visual Testing (VT)
- Penetrant Testing (PT)
- Magnetic Particle Testing (MT)
- Ultrasonic Testing (UT, PAUT, TOFD, EMAT)
- Radiographic Testing (RT)
- Welding Inspection (IWI-B/C)
- NS-415