

# NDT Technician (Marine Inspection & Ship Repair)



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## EXECUTIVE SUMMARY

Marine NDT Technician with 13+ years of hands-on experience supporting ship repair, drydock and afloat inspections, and structural integrity assessments. Skilled in Magnetic Particle Testing (MT), Liquid Penetrant Testing (PT), Ultrasonic Thickness Measurement (UTM) and anchor chain calibration/inspection, including equipment setup and calibration. Experienced in producing detailed inspection reports and documentation, including AutoCAD-based structural mapping and databooks for class surveyors. Strong focus on quality assurance, compliance with maritime safety standards, and risk identification/mitigation within maintenance and inspection activities. Comfortable coordinating day-to-day inspection operations with production teams, clients and class surveyors while maintaining accurate registers, cost sheets and calibration records.

## KEY ACHIEVEMENTS

**Long-term shipyard NDT support:** Provided continuous in-house NDT and maintenance inspection support at NAMDOCK (Dec 2018–2026), covering drydock and afloat inspections for ship repair clients.

**Multi-method NDT execution:** Executed MT, PT, UTM and anchor chain calibrations on a range of marine components and structures in accordance with procedures and work instructions.

**Inspection reporting & documentation:** Delivered comprehensive NDT inspection reports and maintained job registers/cost sheets; produced AutoCAD drawings for pre- and post-repair documentation on floating docks.

**Class survey readiness:** Supported class special surveys by compiling databooks and coordinating scopes and findings with class surveyors and vessel clients.

## PROFESSIONAL EXPERIENCE

### NDT Technician

NAMDOCK

Dec 2018 - 2026

- Performed in-house maintenance inspections and supported drydock and afloat inspections for ship repair clients, including post-repair MT/PT quality assurance.
- Set up, calibrated and monitored NDT equipment and instrument calibration schedules; provided anchor chain calibration services and managed NDT consumables/stock.
- Produced repair scopes and detailed inspection reports (including

## TECHNICAL SKILLS

- Non-Destructive Testing (NDT)
- Magnetic Particle Testing (MT)
- Liquid Penetrant Testing (PT)
- Ultrasonic Thickness Measurement (UTM)
- Ultrasonic Wall Thickness Testing
- Anchor chain calibration and inspection
- NDT equipment setup and calibration
- Calibration schedule monitoring
- Quality control / quality assurance (QA/QC)
- Structural integrity assessment
- Corrosion monitoring
- Ship repair inspection (drydock and afloat)
- Floating dock structural condition monitoring
- Repair scoping and post-repair validation
- Technical reporting and documentation
- Databook compilation for class surveyors
- AutoCAD structural mapping/drawings
- Job registers and cost sheets management
- Risk matrix / risk identification and mitigation

## SOFT SKILLS & PERSONALITY TRAITS

- Attention to detail
- Ability to follow procedures
- Effective communication



Quality, Integrity, Reliability

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30 Cecil Street, 19-08 Prudential Tower,  
Singapore, 049712



AutoCAD drawings), maintained registers/cost sheets, compiled databooks for class surveyors and ensured safety/QA compliance.

### **NDT Technician**

*Namibia Subtech Diving & Marine*

*Feb 2017 - Nov 2018*

- Executed MT, PT, UTM and anchor chain calibrations per procedures; set up/calibrated equipment and evaluated results for acceptance/rejection.
- Planned day-to-day operations and supported class special surveys; met with class surveyors and clients to agree work scopes.
- Maintained equipment/vehicle records and job registers; compiled accurate NDT reports and ensured compliance with safety requirements.

### **NDT Technician (Freelance)**

*Various Companies*

*Jan 2016 - Jan 2017*

- Provided NDT/quality inspection services on a freelance basis for Quality Inspection Services, Global Spec, and Superior Inspection Services.

### **NDT Technician**

*Namibia Subtech Diving & Marine*

*Jan 2011 - Jan 2015*

- Executed MT, PT, UTM and anchor chain calibrations per procedures; set up/calibrated equipment and interpreted results for acceptance/rejection.
- Planned daily inspection tasks and supported class special surveys; coordinated scopes with class surveyors and clients.
- Maintained NDT equipment/vehicle records and job registers; compiled inspection reports and ensured a safe working environment.

- Strong work ethic
- Team collaboration
- Problem-solving
- Proactive attitude
- Adaptability
- Task prioritization
- Multitasking

### **EDUCATION & TRAINING**

- Liquid Penetrant Testing (PT) Level 2 – Non-Destructive Testing (May 2015)
- Magnetic Particle Testing (MT) Level 2 – Non-Destructive Testing (Oct 2013)
- Ultrasonic Wall Thickness Testing Level 2 – Non-Destructive Testing (Oct 2013)