



# **SWARA MARINE SERVICES**

**GLOBAL COMPLIANCE & ENVIRONMENTAL SOLUTIONS  
FOR SHIPPING INDUSTRY**

# About SWARA

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Swara Marine Services delivers compliance, safety, and environmental solutions for global shipping. With certified experts and accredited partners across all major ports, we ensure vessels meet international regulatory requirements with ease.

 **Global Presence**

 **Marine Expertise**

 **Compliance Guaranteed**



# OUR EXPERTISE

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**IHM Compliance**



**Non-Destructive Testing (NDT) & UTM**



**Asbestos Management**



**Marine Surveys & Retrofits**



**Marine Water Sampling & Analysis (VGP 2013)**



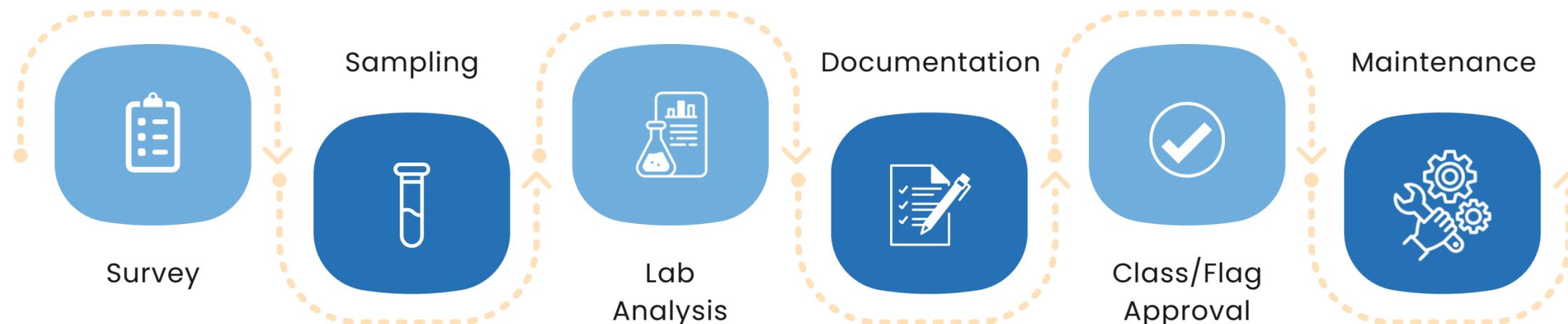
**Emission Management**



**PFOS Management**

# End-to-End IHM Compliance

- **Mandatory for vessels >500 GT as per IMO HKC & EU SRR (effective June 26, 2025)**
- **Developed in line with MEPC 379(80) & MEPC.405(83) updates**
- **Essential for:**
  - **PSC Inspections**
  - **Flag & Class Audits**
  - **Ship Recycling Facility Acceptance**
- **Swara Marine ensures global delivery with certified HazMat experts & ISO 17025 labs**



# What We Offer

- **Development of IHM Part I, II & III (lifecycle + recycling)**
- **Onboard IHM Surveys by qualified personnel**
- **Laboratory Testing of collected samples**
- **Documentation & Reporting per HKC, EU SRR & MEPC.379(80)**
- **Class/Flag Approval Assistance**
- **Lifecycle IHM Maintenance & Renewal Surveys (every 5 years)**
- **Ship Recycling Supervision & Monitoring**



*IHM – a living document for safety, compliance, and sustainability throughout a vessel's lifecycle*

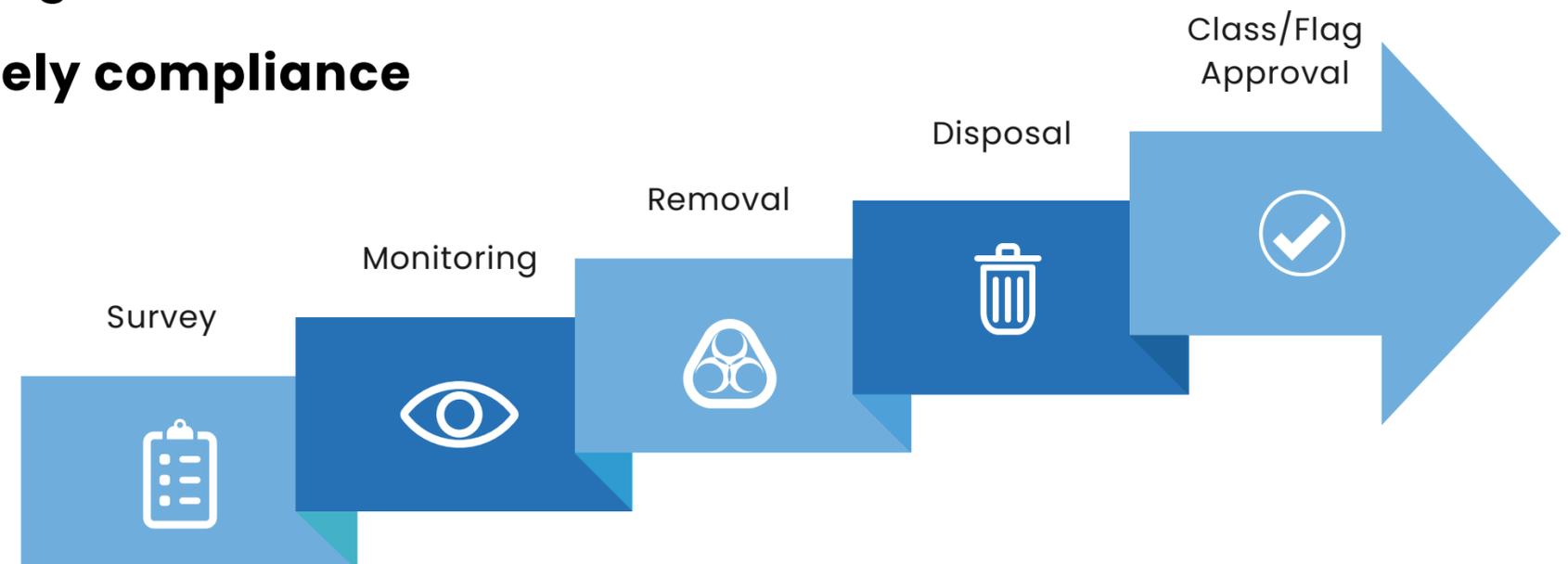
# End-to-End Asbestos Abatement Solutions

- **SOLAS Compliance: No new ACMs allowed since 1 Jan 2011 (MSC/Circ.1374/Rev.1)**
- **Existing ACMs must be assessed, monitored, and removed within 3 years**
- **Continuous monitoring required until safe removal (MSC/Circ.1045)**
- **Non-compliance = PSC detention risks & crew safety hazards**
- **Swara Marine provides global asbestos solutions with certified experts**



# What We Offer

- **Development of Asbestos Management Plan (MSC/Circ.1045)**
- **Certified Onboard Removal by trained technicians**
- **Air Quality Monitoring (PLM, SEM, TEM) with ISO 17025 lab support**
- **Safe Disposal of ACMs at designated landfills (with waste manifest)**
- **Final Reports & Approvals from Class & Flag authorities**
- **Available at all major global ports for timely compliance**



*Protecting lives, ships, and the environment – one asbestos-free vessel at a time.*

# Ensuring Environmental Compliance in U.S. Waters

- **Governed by US EPA Vessel General Permit (VGP) 2013**
- **Mandatory for vessels operating in U.S. waters**
- **Routine monitoring & documentation required for:**
  - **Ballast Water**
  - **Bilge Water**
  - **Grey Water**
  - **Fresh/Potable Water**
  - **Scrubber Wash Water**
- **Swara Marine ensures timely, accurate, and worry-free compliance**



# What We Offer

- **End-to-End Support** – VGP plans, sampling, reports & documentation
- **Expert Sampling** – EPA-compliant protocols & timelines
- **Reliable Handling** – Preserved with coolers/iceboxes for integrity
- **Clear Reporting** – Field & lab results with easy-to-read summaries
- **Timely Reminders** – 6-month & annual compliance alerts
- **Trusted Guidance** – Experts tracking latest VGP regulatory updates

 **Plans**

 **Sampling**

 **Reporting**

 **Renewal**

*Compliance simplified – letting you focus on smooth operations.*

# Management of Halons onboard Ships

**For ships and other vessels, including mobile offshore units constructed on or after 1 January 2026, the use or storage of fire-extinguishing media containing Halons is prohibited. Ships and other vessels, including offshore mobile units constructed before 1 January 2026 shall comply with regulations prohibiting the use or storage of fire-extinguishing media containing Halons not later than the date of the first survey on or after 1 January 2026.**

**We at [Swara Marine Services](#) provide accredited laboratory analysis and safe disposal through approved shore-based facilities at all major ports.**



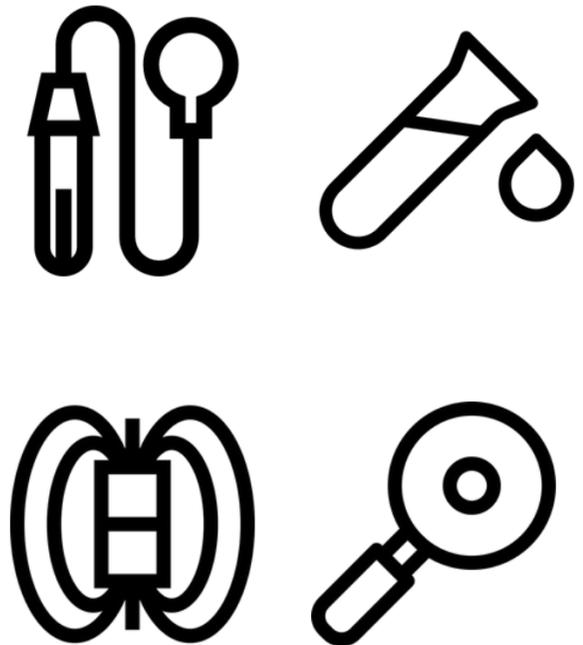
# Non-Destructive Testing (NDT)- Reliable Testing for Structural Integrity

- **Critical for safety, reliability, and compliance**
- **Detects hidden flaws without damaging equipment**
- **Widely used in hull, machinery, and offshore structures**
- **Helps ensure longer life cycles and cost efficiency**



# What We Offer

- **Ultrasonic Testing (UT):** Internal defect detection using sound waves
- **Liquid Penetration Testing (LPT):** Reveals surface cracks & leaks
- **Magnetic Particle Testing (MPT):** Detects flaws in ferromagnetic materials
- **Visual Testing (VT):** Direct/remote inspection of visible defects



*Accurate results, zero compromise on safety*

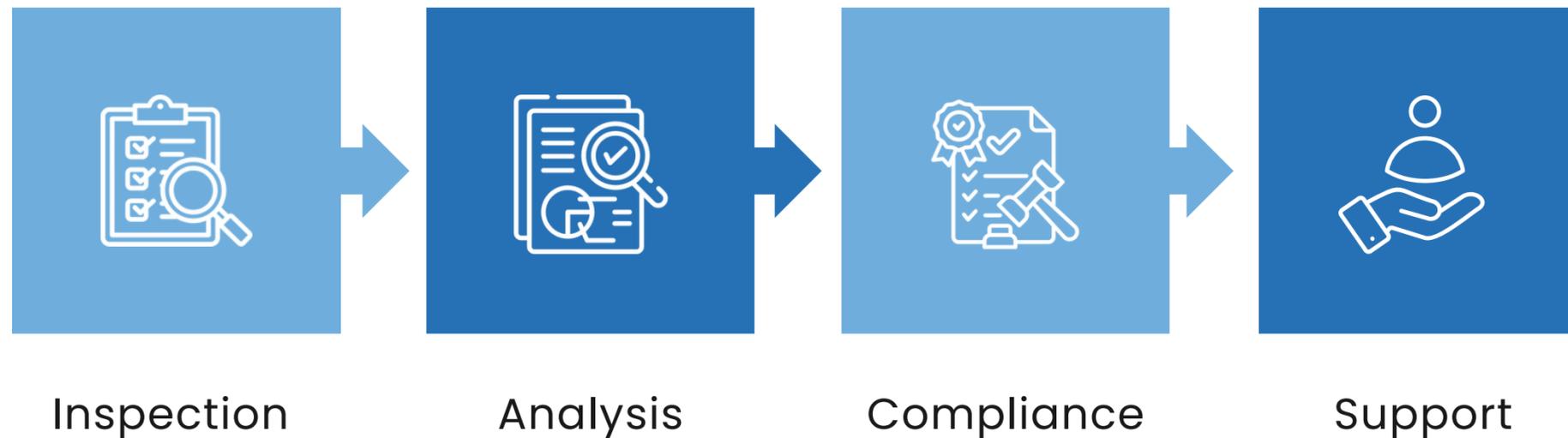
# Comprehensive Marine Surveys

- **Statutory surveys as per Flag & Class requirements**
- **ISM, ISPS & MLC audits for compliance**
- **Hull & Machinery surveys for condition monitoring**
- **Pre-Purchase Inspections ensuring informed decisions**



# What We Offer

- **Ultrasonic Thickness Measurement (UTM):** Hull strength monitoring
- **Cargo Operation Supervision:** Safe handling & efficiency
- **Ship Design & Retrofitting:** Engineering for upgrades & compliance
- **Ongoing Support:** Transparent reports & actionable recommendations



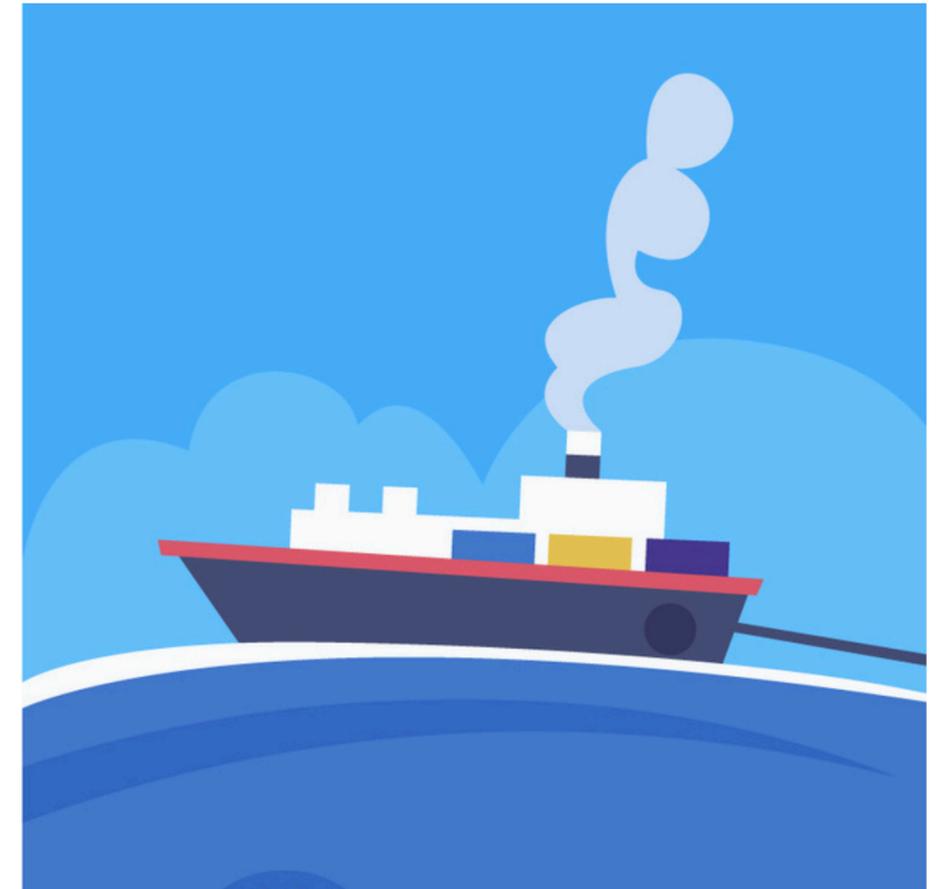
*From inspection to compliance – your trusted marine partner.*

# Emission Management – SEEMP Part II

***(Mandatory by Aug 2025)***

**Stay compliant with IMO & CLASS emission reporting requirements**

- **Clear indication of emission measurement methods (Sounding / Flowmeter)**
- **Mandatory shore power reporting in DCS**
- **Updated DCS templates to be used**
- **Emission factors for new fuels (e.g., Ethane) included**

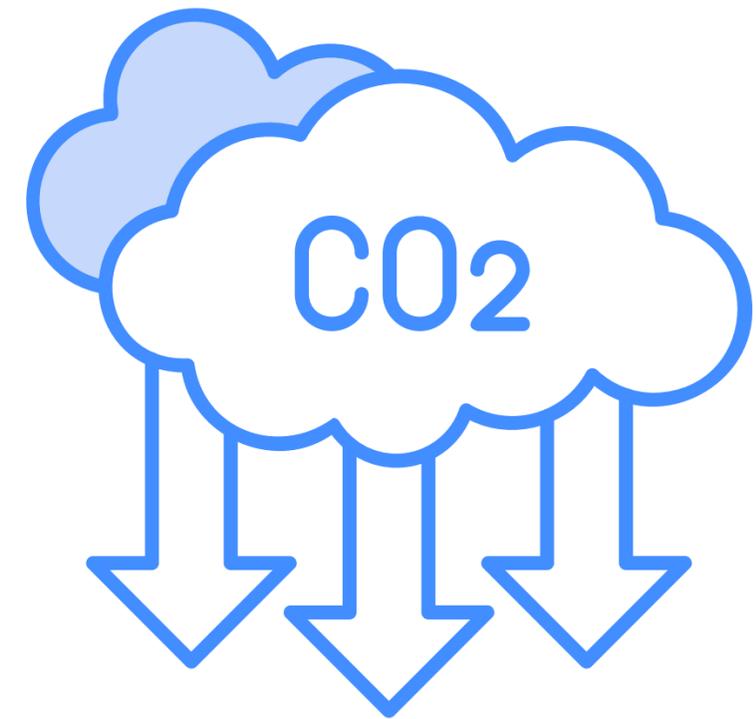


# Emission Management – SEEMP Part III

***(Mandatory by Dec 2025)***

**Supporting vessels in achieving long-term efficiency & compliance**

- **Revised 3-year CII targets (per MEPC.400(83))**
- **Corrective action plans for D/E rated vessels**
- **Ongoing self-evaluation and audit readiness**



# What We Offer

- **Gap analysis & compliance roadmap for SEEMP II & III**
- **Preparation & submission of updated DCS templates**
- **Development of corrective action plans for CII targets**
- **Continuous monitoring, reporting & audit support**
- **Training & awareness for onboard and shore staff**



*Stay compliant with IMO/CLASS regulations*

# WE ARE THE BEST AT WHAT WE DO

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-  Proven expertise in maritime compliance & digital solutions
-  Supporting global shipping companies with end-to-end services
-  Innovative, reliable, and future-ready technology
-  Trusted partner for sustainable, efficient, and compliant operations

*Delivering smart solutions, every step of the way.*

# Contact us

 **+91 80 513 35 268**

 **[info@swaramarine.in](mailto:info@swaramarine.in)**

 **[www.swaramarine.in](http://www.swaramarine.in)**

 **B/5 Nowabanga, Bidhannagar,  
Salt Lake Sector IV, Kolkata 700105**





**THANK YOU**