CORE CONCEPT

Ship Recycling Management Course: Hong Kong Convention, IHM and Yard Safety

21 – 25 June 2027
London - Central London four-star

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Introduction:

Ship recycling management, covering the Hong Kong Convention, IHM and yard safety, is a 1-week course for shipowner technical, flag administration, recycling yard and ESG units that ends with a Ship Recycling Readiness Plan for a case vessel and owner. Organisations retiring tonnage face incomplete hazardous material inventories, yards chosen on price alone, and asbestos, PCBs and oily residues that leave the yard without a traceable route. Nominees already manage fleet technical files, surveys, yard operations or sustainability reporting, and the course is taught as case study work on inventories, recycling plans and audit reports. CoreConcept Training Center delivers this ship recycling management course.

Course Objectives:

- Map the duties the Hong Kong Convention, the Basel Convention and regional approved-facility rules place on owners, flag administrations and yards for an end-of-life vessel
- Prepare and maintain an Inventory of Hazardous Materials using IMO IHM guidelines, sampling checks and supplier material declarations
- Review a Ship Recycling Facility Plan and a ship-specific Ship Recycling Plan against the vessel's IHM and the yard's authorisation
- Audit a recycling yard for containment, worker protection, emergency preparedness and record keeping, and rank candidate yards
- Set gas-free, hot work and enclosed space controls and trace asbestos, PCBs and oily residues to licensed downstream receivers
- Compile a Ship Recycling Readiness Plan for a case vessel covering IHM status, survey sequence, yard choice and waste tracking

Target Audience:

- Shipowner and ship manager technical units responsible for fleet retirement decisions and hazardous material inventories
- Flag administration and survey units responsible for IHM verification, final surveys and recycling certification
- Recycling yard management units responsible for facility plans, authorisation evidence and worker safety
- ESG and sustainability units responsible for responsible recycling policies and disclosure on vessel retirement
- Inspection and audit units responsible for assessing recycling yards on behalf of owners or lenders

Course Outline:

Day 1: End-of-Life Vessel Recycling Landscape and Fleet Baseline

- Beaching, Alongside and Dry Dock Recycling Methods Compared
- Hong Kong Convention Scope, Parties and Shipowner Duties
- Basel Convention Controls on End-of-Life Ship Movements
- Regional Ship Recycling Regulation and Approved Facility Lists
- Fleet Retirement Baseline Scan by Age, Flag and IHM Status

Day 2: Inventory of Hazardous Materials Preparation and Surveys

- IMO IHM Guidelines Material Lists for Asbestos, PCBs and ODS
- Visual and Sampling Check Plan for Existing Ship IHM
- Supplier Material Declarations Collected for New Ship Installations
- Initial, Additional and Final Survey Sequence for IHM Verification
- IHM Maintenance Procedure Linked to Repairs and Dry-Dockings

Day 3: Ship Recycling Plans, Yard Authorisation and Facility Audits

- Ship Recycling Facility Plan Elements for Worker and Environment Protection
- Competent Authority Yard Authorisation Criteria and Evidence File
- Ship-Specific Ship Recycling Plan Built From IHM Data
- Yard Audit Checklist for Impermeable Floors, Drainage and Containment
- Owner Yard Selection Matrix Weighing Authorisation and Audit Findings

Day 4: Yard Worker Safety, Hazardous Waste Downstream and Problem Cases

- Gas-Free Certification and Hot Work Permit Control on Cutting
- Falling Block, Enclosed Space and Fire Risk Assessment at Yards
- Asbestos Removal, Wrapping and Landfill Chain of Custody
- PCB, Oily Residue, Bilge Water and Sludge Downstream Routing
- Last-Voyage Flag Change and Resale Risks Before Recycling

Day 5: Case Study Work on the Ship Recycling Readiness Plan

- Case Bulk Carrier IHM Gap Review Against Survey Findings
- Case Yard Audit Report Scoring and Corrective Action Requests
- Case Ship Recycling Plan Review for Cutting Sequence
- Case Worker Safety and Downstream Waste Tracking Register
- Ship Recycling Readiness Plan Completion and Peer Defence

Skills You Will Gain:

- Hazardous Materials Inventory Preparation
- IHM Sampling and Verification
- Recycling Facility Plan Review
- Ship Recycling Yard Auditing
- Hot Work and Gas-Free Control
- Asbestos and PCB Downstream Tracing
- End-of-Life Vessel Risk Screening
- Recycling Yard Selection

Why Attend This Course:

- Hand a Ship Recycling Readiness Plan for a case vessel to the fleet technical director and the sustainability lead for approval
- Decide which candidate yard is acceptable for a retiring vessel using authorisation evidence, audit scores and the ship recycling plan rather than price alone
- Avoid detentions, reputational damage and worker injuries caused by missing inventories, unauthorised yards and untraced asbestos or oily residues
- Pass on IHM gap checklists, yard audit templates and downstream waste registers to technical, survey and ESG colleagues

Conclusion:

Back at work, the participant presents the Ship Recycling Readiness Plan to the fleet technical director, the sustainability lead and, where relevant, the flag administration contact. They use it to confirm the inventory status of the retiring vessel, sequence the final survey, approve or reject candidate yards and set downstream tracking for asbestos, PCBs and oily residues. After the first vessel is recycled under the plan, the unit should compare yard audit findings, worker incident records and waste receipts with the plan and revise its yard criteria.

Frequently Asked Questions FAQ:

What should participants know before a ship recycling management course on the Hong Kong Convention and IHM?

Participants should already handle fleet technical files, surveys, yard operations or sustainability reporting. Bringing an anonymised hazardous material inventory, survey report or yard audit from their own organisation helps the case study work reflect real conditions.

How does a ship recycling management course differ from a ship sale and purchase or general hazardous waste course?

It covers the vessel's last stage: inventories, recycling plans, yard authorisation, worker safety and waste leaving the yard. Sale and purchase courses cover contracts and delivery between owners, while general hazardous waste courses cover site waste rather than ship dismantling.

Why must an Inventory of Hazardous Materials be maintained throughout a ship's life for ship recycling?

Because the recycling yard builds its ship recycling plan from it. An inventory not updated after repairs or new installations hides asbestos, PCBs or heavy metals, exposing yard workers and leaving waste unaccounted for.

What do participants take back from the ship recycling management course?

Participants take back a Ship Recycling Readiness Plan for a case vessel, with an IHM gap review, a survey sequence, a scored yard audit, a reviewed ship recycling plan and a downstream waste tracking register.