SUSTAINABLE SHIP RECYCLING

Safe and environmentally sound recycling of all types of ships

With the entry into force of the European Ship Recycling Regulation ships can be recycled in a sustainable manner posing less risks to the environment, health and safety at the end of their life cycle.

The EU SRR is now applicable for recycling
The European Ship Recycling Regulation (EU SRR) 1257/2013, developed based on the Hong Kong Convention (HKC) SR/CON/2009 will be applicable latest 31 December 2018 for new ships, however since end of 2016 it is already applicable for ships that are going for recycling, that are flying a flag of an EU Member State. Both the EU SRR and the HKC impose responsibilities on ship owners, ship recycling facilities (SRF) and authorities with respect to safe and sound recycling of ships.

DNV GL supports sustainable ship recycling
The main tasks of the shipowners for sustainable ship recycling include:
- Prepare an agreement with the SRF for the recycling of the ship as per the HKC and/or the EU SRR
- Recycle the ship at expert-assessed or EU-approved SRFs only
- Notify the flag state of the intention to recycle a ship under the HKC and/or EU schemes
- Compile the ship-specific inventory of hazardous materials (IHM, Parts I, II and III)
- Provide all required information, such as ship data, drawings and IHM, to the SRF for preparation of the ship recycling plan (SRP)
- Ensure minimum cargo residues, remaining fuel oil and ship-generated wastes.
- Arrange the final survey before the start of recycling
- Obtain an International Ready for Recycling Certificate (IRRC) and provide it to the SRF
- Comply with criteria for safe entry and safe for hot work
- Require Statement of Completion (SoC) from the SRF
The process in detail

Step 1 - Contract for ship recycling
In addition to the clause to meet the requirements as per the HKC and/or the EU SRR and its guidelines, the IHM, ship recycling facility plan (SRFP), SRP, SoC and IRRC should be listed above all. Moreover, a SRF monitoring programme should be mentioned.

Step 2 - Inventory of hazardous materials (IHM) preparation
The IHM needs to be ship-specific, should be prepared by a qualified expert and cover all 13 or 15 substances listed in the regulations.

Step 3 - Ship recycling plan (SRP) development
The SRP should be developed acc. to MEPC.196(62), refer to a specific SRF, reflect the specific IHM and provide licensed disposal and recycling solutions for all materials listed in the IHM.

Step 4 - SRP approval process
The SRP requires Competent Authority (CA) of the recycling State’s approval. Explicit approval shall be with written notice of result and tacit approval shall specify the end date of a 14-day review period. An expert assessment of the SRP is recommended until the regulations are fully applicable.

Step 5 - Approved SRP
The SRF forwards the approved SRP to the ship owner. The SRP should contain the final version of the IHM.

Step 6 - Final survey by class
The final survey shall be conducted before the recycling activity starts. The survey guidelines (MEPC. 222[64]) should be followed. After the successful survey, an IRRC can be issued. The documents to be submitted for the survey include: the IHM (Parts I, II and III), the approved SRP and a copy of a valid SRF document of authorization of ship recycling (DASR).

Step 7 - Report and start of ship recycling
The SRF launches the start of the ship recycling with the submission of the IRRC to the CA.

Step 8 - Statement of Completion (SoC)
After completion, the SRF issues an SoC together with a report on accidents damaging human health and the environment and reports this to its client and CA. All involved stakeholders receive a copy of the SoC.

Your benefits with compliance
- Demonstrate sustainability
- Boost your image as a green company
- Protect your company’s reputation and brand
- Ensure a transparent and traceable recycling process
- Mitigate risks for health and the environment

RELATED SERVICES
- IHM certification
- Consulting services
- Ship recycling services
- Advanced courses
- HazMat Expert training