

Segregation and Management of Garbage Onboard

Poster GP01

Date: 2024-06-15

Revision: 0

Garbage Category	Examples	Colour Code	Sea Discharge	Incinerate	Recycle / Reuse Onboard	Reception Facilities
A. Plastics Categories as PVC, PCB, PS	Synthetic ropes, Styrofoam or other similar packing material.	Red	Refer OSM Thome Poster GP02 : Statutory requirements for disposal of garbage	No	No	Yes
A. Plastics- Other categories as PETE, HDPE, LDPE	Eg: Garbage bags, bubble wraps, cling wrap, packaging, drinking bottles, squeezable tubes & bottles etc Yes*	Red		Yes*	No	Yes
B. Food Wastes	Spoiled or unspoiled food, fruits, vegetables, dairy products, poultry, meat products, food scraps.	Blue		Yes**	No	Yes
C. Domestic Wastes (I)	Eg Paper, cardboard, corrugated board, wood, textiles, Disposable COVID-19 Masks/ PPE (Sep bin)	Green		Yes ³	Yes ³	Yes
C. Domestic Wastes (II)	Glass, aluminium cans, metals	Green			Yes ³	Yes
D. Cooking Oil	Edible Oil	Yellow		Yes ³	Yes ³	Yes
E. Incinerator Ashes	Garbage generated ash or clinkers	Grey		No	No	Yes
F. Operational Wastes (I)	Cleaning agents and additives contained in Cargo Hold wash-water AND in deck & external surfaces wash-water	Black		No	No	Yes
F. Operational Wastes (II)	Oily rags	Black		Yes ³	No	Yes
I. E-Waste	Computer, printers, Cartridges, batteries, CD-DVD, fluorescent lights, PCB (Printed circuit board)	White		No	Yes ³	Yes
J. Cargo Residues ⁵ (Non HME)	Solid bulk cargo residues NOT hazardous to marine environment as per shipper's declaration and Appendix 1 of MARPOL Annex V	Light Blue		No	No	Yes
K. Cargo Residues ⁵ (HME)	Solid bulk cargo residues hazardous to marine environment per shipper's declaration & as in Marpol Annex-V / Appendix-1	Orange		No	No	Yes

Marking of Garbage Receptacles

- All Garbage Receptacles are required to be colour coded as well as Stencilled with the 'Garbage Category'. Medical waste, COVID-19 masks & PPE to be in separate domestic waste bin marked "COVID-19 masks & PPE". Ref to GP A1 section 9.5.
- Colour coding would include either colouring of the complete receptacle in the designated colour or at least Two (2) distinctive bands of 5 inches + cover of the receptacle.
- Reference to be made to GP A1 and Garbage record book part I and II for requirements on incineration and recycle, re-use.
- Operational waste hazardous in nature e.g. aerosol cans, smoke detectors, medical wastes, expired pyrotechnics are to be stored receptacle of black colour and marked as "**Hazardous wastes**". Bins to be placed in ER, bridge, hospital and should be not incinerated.
- Receptacles for CAT J and CAT K are only required for bulk carrier vessels carrying solid bulk cargo.
- Category G: Animal carcass and category H: Fishing net has not been included. If required, a separate receptacle shall be designated as per ship specific requirement for storage of such waste. Crew shall be trained in this regard.

* Incinerator Type approval must allow Plastics & Master to Ref GP A1, Poster GP06. PVC, PCB, PS Prohibited for Incineration. Master to contact office for any further clarification.

** Incinerator operations are prohibited within Port Limits and ECA areas. In cases of prolonged anchorage and high garbage accumulation (Including Food Wastes), Master to refer to GP A1 for guidance and approach office (TSI/TM) for landing arrangements. For Incineration use in port, Port state approval and office approval is mandatory and approval valid for that Port stay only.