



Fleet Safety Manual

10.A.6 - PAINT AND OTHER COATINGS

1 PURPOSE

- a) To ensure that the Canadian Coast Guard (CCG) Fleet will use products that comply with Health Canada; Pest Management Regulatory Agency and other standards developed by the Canadian General Standards Board for the application of paint and primers, including hull coatings.
- b) To ensure that steps are taken to mitigate the risk to the health of individuals and protection of the marine environment during surface preparation and the application of paint on CCG vessels.

2 RESPONSIBILITIES

2.1 COMMANDING OFFICER

- a) The Commanding Officer is responsible to ensure that the application of paint and coatings on the vessel is conducted in accordance with the instructions provided by the manufacturer and only such products and applications are to be used which will have the least possible effect on the environment.
- b) The Commanding Officer shall ensure that all paint removal operations are assessed for possible polluting acts and that responsible steps are taken to contain the by-products of the paint removal and properly dispose of the waste.

3 INSTRUCTION

3.1 GENERAL

- a) Appropriate Personal Protection Equipment (PPE) shall be worn for all paint removal and application operations. When paint stripping or application operations are being conducted in close proximity to ventilation intakes, consideration shall be given to restrict air flow from these intakes to prevent the spreading of fumes and dust to other parts of the vessel.
- b) Removal of paint and rust will result in the creation of waste material that may be both hazardous to the worker and would be considered a polluting material if allowed to enter the water. Steps shall be taken to mitigate paint and debris from entering the environment.

- c) In large scale paint operations, the vessel may be boomed if appropriate. Where feasible a containing structure shall be used in the area where paint is being removed to contain dust and debris. Paint removal operations should be halted in high wind conditions when it becomes apparent that dust is appearing on the water or is readily apparent outside the containing structure.
- d) Waste generated through paint removal shall be collected frequently. Waste must be collected and the area cleaned at the end of each working period. Waste is to be stored in solid drums and is to be handled and disposed of as a hazardous material.
- e) Paint should be applied using the tools and methods recommended by the paint manufacturer with a view to minimizing the possibility of spills and drips that could enter the water.
- f) Absorbent material is to be kept readily at hand to immediately deal with any spill.

4 DOCUMENTATION

- Paint and Coating Standards
- Manufacturers' specific instructions for application and surface preparation
- Site Specific Work Instructions