

# **SHIPYARD REGULATIONS OFFICE**

## **XI. APPLICATION FOR VESSEL PLANS APPROVAL**

1. Letter of Application
2. At least three (3) copies of each of the following:
  - General Arrangement Plan
  - Construction Plan
  - Midship Section
  - Lines Plan (as applicable)

### **For Vessels 3 GT and above but below 15 GT (New and Existing)**

1. Letter of Application
2. At least three (3) copies of each of the following:
  - General Arrangement Plan
  - Construction Plan
  - Midship Section

### ***Additional Plans for Passenger Vessels***

3. Passengers Accommodation Plan
4. Hydrostatic Curves (if applicable)
5. Inclining Experiment with Trim and Stability Calculations (if applicable)
6. Permissible Subdivision by Empirical Formula

### **For Vessels 15 GT and above but below 50GT (Existing)**

1. General Arrangement Plan
2. Construction Plan
3. Lines Plan and Table of Offsets
4. Midship Section, W.T. and O.T. Bulkheads
5. Specification and Arrangement of Main Propulsion and Auxiliary Machineries
6. Shell Expansion Plan (For Steel Hull Vessels)

***Additional Plans for Vessels with more than 4KW Generators or 20 Outlets***

1. Deck Wiring Layout
2. Schematic Wiring Diagram
3. Schedule of Loads and Electrical Specifications

***Additional Plans for Passenger Vessels***

1. Hydrostatic Curves
2. Capacity Plan
3. Passenger Accommodation Plan
4. Permissible Subdivision by Empirical Formula
5. Inclining Experiment with Trim and Stability Calculations
6. Cross Curves of Stability
7. Static Curve of Stability

***Additional Plans for New Construction***

1. Shafting and Propeller Arrangement and Specification
2. Welding Schedule and Specification (for Steel-Hull Vessels)
3. Scantling Calculation (for Steel-hull Vessels)

***For Vessels 50 GT and above (Existing)***

1. Lines Plan and Table of Offsets
2. General Arrangement Plan
3. Construction Plan
4. Midship Section, W.T. and O.T. Bulkheads
5. Hydrostatic Curves
6. Piping Plan (Diagramatic)
7. Fire Fighting Arrangement

8. Specification and Arrangement of Main Propulsion and Auxiliary machineries
9. Capacity Plan
10. Deck Wiring Layout
11. Schematic Wiring Diagram
12. Schedule of Loads and Electrical Specifications
13. Installation of Lightning Arrester (for wooden hull)
14. Inclining Experiment with Trim and Stability Calculation
15. Cross Curve of Stability
16. Statical Curves of Stability
17. Shell Expansion Plan (for steel-hull Vessels)

#### Addition Plans for Passenger Vessels

1. Passenger Accommodation Plan
2. Floodable Length Curves
3. Floodable Length Calculations
4. Emergency Escape Plan

#### Additional Plans for New Construction

1. Shafting and Propeller Arrangement and Specification
2. Welding Schedule and Specification (For steel-hulled vessels)
3. Scantling Calculation with Longitudinal Hull Girder Strength Calculation (for Steel-Hull Vessels)

#### For Non-propelled Barge and Similar Vessels (Existing)

1. General Arrangement Plan
2. Construction Plan
3. Midship Section, W.T. & O.T. Bulkhead, Ordinary and Web Frame

#### 4. Shell Expansion Plan (for steel-hulled vessels)

##### Additional Plan for Ship Shape

1. Lines and Tables of Offsets
2. Hydrostatic Curves
3. Inclining Experiment with Trim and Stability Calculation
4. Capacity Plan

##### Additional Plans for New Construction

1. Welding Schedule and Specification (for steel hulled vessels)
  2. Longitudinal Hull Girder Strength Section Modulus Calculation and Hull-Girder Movement of Inertia Computation
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