

MV PEARL DRY DOCKING HSE REQUIREMENTS

Introduction.

Ensuring Safety dry-docking practices **provide a comfortable working environment and are critical for staying safe on vessel, dock, and open water**. Establishing and following a set of health and safety guidelines can keep crew and vessel in safe working condition, ensure compliance to state regulations and save the company costs related to accidents and reputation.

Anticipated activities

- Welding/hot works
- Cuttings of steel
- Machining and tooling
- Electrical works
- Painting
- Bunkering
- Driving
- Equipment operations
- Lifting, Hoisting, rigging and moorings
- Cleaning and removing
- Use of chemicals and fuel residues

Potential hazards

- Chemical hazards – fumes, paints, solvents, fuel, heavy metals
- High noise level
- Extreme temperature
- Vibrations
- Awkward working postures and risk of Musculo-skeletal injuries
- Work done at height
- Confined spaces entry
- Exposure to hazardous air
- Work done above water/drowning/fall in water
- Unsafe docking/sinking
- Chronic illness
- Respiratory illness due to smoke + fumes smoke inhalation, exposure to heavy metals e.g lead especially in welders and electronics
- Machinery and tool hazards
- Fire slips and falls
- Hazardous schedule/timings
- Cramped up spaces and high pressure
- Lack of awareness
- Toxic metals/dangerous chemicals (exposure)

HSE REQUIREMENTS

As condition for awarding contract, Contractor must demonstrate how they'll implement the below HSE requirements /programs to mitigate the hazards specific to the scope of work on vessel and dock, and provide records as evidence of implementation during and after implementation.

PART I - GENERAL HSE REQUIREMENTS

1. Compliance with Laws/Regulations/KIS Requirements
2. CONTRACTOR Written HSE Policy
3. Protection of Workers, Public, Environment and Asset
4. Right to Stop Work
5. Maintain Equipment, Tools, and Machinery in a Safe Condition
6. Risk Management and Hazards Identification
7. Competent Personnel
8. HSE Awareness
9. Incident Reporting and Investigation
10. Housekeeping

PART 2. SPECIFIC HSE REQUIREMENTS

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| 1. Contractor Site SHO/Safety Supervisor | 18. Permit To Work |
| 2. Dry docking HSE Plan Risk Assessment (RA) | 19. Tools and Equipment Compressed Gas Cylinders |
| 3. HSE Inspection/Audit | 20. Welding and Cutting |
| 4. HSE Induction | 21. Machines and tools safety |
| 5. Toolbox HSE Meeting | 22. Use of Chemicals and dangerous metals |
| 6. HSE Meetings | 23. Barricade, Platforms and Guardrails |
| 7. Health Risk Assessment | 24. Scaffold |
| 8. Incident Notification and Investigation | 25. Office |
| 9. Drugs and Alcohol | 26. Storage/Warehouse |
| 10. Environmental hazard Management | 27. Driving /Safety of vehicles on site |
| 11. Security | 28. Transportation |
| 12. Emergency Response Preparedness | 29. Lifting operations |
| 13. CONTRACTOR Training | 30. Heavy Machinery |
| 14. Equipment, Tools, and Machinery Inspections | 31. Working at Height |
| 15. Personal Protective Equipment (PPE) | 32. Energized/pressurized tools and equipment |
| 16. Inspection and Tagging of Mechanical Equipment | 33. Radiography |
| 17. Working in Confined Space | 34. CONTRACTOR HSE Performance Report |
| | 35. HSE Statistics |

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