

NOTE: For comments, Office of Deputy Chief of Coast Guard Staff for Marine Environmental Protection, CG-9 can be reached at email add: cg9@coastguard.gov.ph



PAMBANSANG PUNONGHIMPILAN TANOD BAYBAYIN NG PILIPINAS
(National Headquarters Philippine Coast Guard)
139 25th Street, Port Area
1018 Manila

____ November 2024

NHQ-PCG/CG-9

MEMORANDUM CIRCULAR
NUMBER

**REGULATIONS FOR THE PREVENTION OF POLLUTION
BY SEWAGE FROM SHIPS**

SECTION I AUTHORITY

- A. Republic Act No. 9993: The Philippine Coast Guard Law of 2009 and its Implementing Rules and Regulation
- B. Presidential Decree No. 602: National Oil Pollution Operations Center Decree
- C. Presidential Decree No. 979: Marine Pollution Decree of 1976

SECTION II REFERENCE

- A. MARPOL 73/78 Annex IV: Regulations for the Prevention of Pollution by Sewage from Ships
- B. Republic Act No. 9275: Philippine Clean Water Act of 2004
- C. Presidential Decree No. 857: Revised Charter of the Philippines Ports Authority created under Presidential Decree No. 505
- D. Resolution MEPC 44(20): Regulations for The Prevention of Pollution by Sewage from Ships
- E. Resolution MEPC 115(51): Revised Annex IV of MARPOL 73/78



F. Resolution MEPC 227(64): 2012 Guidelines on the Implementation of Effluent Standards and Performance Tests for Sewage Treatment Plants

SECTION III PURPOSE

The purpose of this Memorandum Circular is to provide implementing rules and regulations to prevent pollution by sewage from different offshore sources, such as but not limited to ships, fixed or floating platforms, offshore platforms and other floating crafts and facilities operating within the Philippine maritime jurisdiction and prescribing fines and penalties thereof.

This Memorandum Circular shall also prescribe guidelines for the proper collection, treatment, and discharge of sewage including the type-approval of marine sanitation devices and the accreditation of sewage collectors.

SECTION IV SCOPE

This Memorandum Circular shall apply to:

- A. All Philippine registered vessels 400 gross tonnage and above;
- B. All Philippine registered vessels less than 400 gross tonnage certified to carry fifteen (15) or more passengers;
- C. All fixed or floating platforms, offshore platforms and other floating crafts and facilities;
- D. Sewage Collectors

SECTION V DEFINITION OF TERMS

(For the Definition of Terms, please refer to **Annex A**)

SECTION VI REQUIREMENTS

- A. All Philippine registered vessels of 400 gross tonnage and above must be fitted with either a Sewage Treatment Plant (STP) or Sewage Holding Tank (SHT).
- B. All Philippine registered vessels of less than 400 gross tonnage certified to carry fifteen (15) or more passengers must have a Sewage Holding Tank (SHT), Portalets or Appropriate Marine Sanitation Devices installed on board.
- C. All fixed or floating platforms, offshore platforms and other floating crafts and facilities must be fitted with either a Sewage Treatment Plant, Sewage Holding Tank or Appropriate Marine Sanitation Devices.
- D. Standard dimension of flanges for discharge connection:

| DESCRIPTION | DIMENSION |
|------------------|------------------------------------|
| Outside diameter | 210 mm |
| Inner diameter | According to pipe outside diameter |



| | |
|---|---|
| Bolt center diameter | 170 mm |
| Slots in flange | 4 holes 18 mm in diameter equidistantly placed on a bolt circle of the above diameter slotted to the flange periphery. Slot width shall be 18 mm. |
| Flange thickness | 16 mm |
| Bolts and nuts quantity and diameter | 4 each of 16 mm diameter and of suitable length |
| The flange shall be designed to accept pipes up to a maximum diameter of 100 mm and steel or equivalent material having a flat face suitable for a service pressure of 600 kPa. | |

- E. For ships having a molded depth of 5 meters or less, the inner diameter of the discharge connection may be 38 millimeters.
- F. All Philippine registered vessels covered by this Circular are required to have onboard the original International Sewage Pollution Prevention Certificate (ISPPC) if engaged in international trade, or Sewage Pollution Prevention Certificate (SPPC) if engaged in domestic trade.
- G. All Philippine registered vessels covered by this Circular shall provide with either a Sewage Holding Tanks (SHT), Appropriate Marine Sanitation Devices or Sewage Treatment Plant (STP) with coliform count not exceeding 100 thermotolerant per 100-millimeter MPN (most probable number) as determined by multiple tube fermentation analysis or any equivalent analytical procedure.
- H. The geometric mean of the total suspended solids standard of the effluent sample shall not exceed 35 milligrams per liter (mg/l) when tested on shore.
- I. The geometric means of the total suspended solid content of effluent samples shall not exceed 100 milligrams per liter (mg/l) of the suspended solid contents of ambient water used for flushing purposes when tested on board ship.
- J. The plant or devices shall be designed in such a manner that the geometric means of the 5-day Biochemical Oxygen Demand (BOD5) of the effluent samples taken during the test period do not exceed 25 milligrams per liter (mg/l).
- K. The use of ozone, ultraviolet eradication or any other disinfectant that minimizes any adverse effect on the environment while pursuing the fecal coliform standard is highly encouraged.
- L. Sewage Holding Tanks (SHTs) and Marine Sanitation Devices (MSDs) onboard ships, as well as fixed or floating platforms, offshore platforms and other floating crafts and facilities must always be fully operational or maintained in a serviceable condition.
- M. To enable the connection of reception facility pipes to the ship's discharge pipeline, both lines shall be fitted with standard discharge connection as listed in SECTION VI para-D.

- N. All Philippine registered vessels, fixed or floating platforms, offshore platforms and other floating crafts and facilities must have a Philippine Coast Guard (PCG) Registered Sewage Discharge Record Book.
- O. Discharge of comminuted and not comminuted waste must be outside Special Areas, Particularly Sensitive Sea Areas, Marine Protected Areas and such other areas designated by the DENR having the same status as special areas;
- P. The overboard discharge valve of the Sewage Treatment Plant (STP) and Sewage Holding Tank (SHT) must be padlocked while at port.
- Q. All untreated sewage stored within the holding tank must be collected by PCG-accredited sewage collectors.

SECTION VII EXEMPTIONS

This Memorandum Circular shall not apply to:

- A. The discharge of sewage from a ship is necessary for the purpose of securing the safety of a ship and those on board or saving life at sea; or
- B. The discharge of sewage resulting from damage to a ship, ship wastewater treatment system or its equipment if all reasonable precautions have been taken before and after the occurrence of the damage, for the purpose of preventing or minimizing the discharge.
- C. Motorized or non-propelled Bancas and Service Boats of three (3) gross tonnage and below and not certified to carry passengers.

SECTION VIII POLICIES

It shall be unlawful for any person, ship-master, ship-owner, ship-operator to discharge any sewage into the sea within the Philippine maritime jurisdiction except when:

- A. The ship is discharging comminuted and disinfected/treated sewage at a distance of more than four (4) nautical miles from the nearest shoreline;
 - (1) The ship is discharging sewage that is not comminuted or disinfected/treated at a distance of more than twelve (12) nautical miles from the nearest shoreline except within archipelagic waters. Untreated sewage discharge shall be at a moderate rate when the ship is en route and proceeding at not less than 4 knots;
- B. The ship has a Sewage Treatment Plant (STP) type-approved by the PCG capable of producing an effluent within the standards herein and not producing visible and floating solids that causes discoloration of surrounding waters.

SECTION IX SEWAGE DISCHARGE RECORD BOOK

- A. All Philippine registered vessels, fixed or floating platforms, offshore platforms and other floating crafts and facilities covered by this Memorandum Circular must have a Sewage Discharge Record Book (SDRB) duly registered at MEPCOM that will record the information listed in **Annex B**.
- B. Record all maintenance, calibrations, shut-down/turn-on, and switching of nutrient removal processes, failures, overflow, and laboratory analysis results.
- C. The Sewage Discharge Record Book (SDRB) and its entries must be in the English language, properly maintained, and available for inspection.
- D. The Sewage Discharge Record Book (SDRB) will be properly accomplished by the Chief Engineer of the vessel.
- E. If a page of the Sewage Discharge Record Book (SDRB) is fully accomplished, the Master of the vessel must sign at the end of the page to attest its authenticity.
- F. The Sewage Discharge Record Book (SDRB) will be valid until all its pages are accomplished. A filled SDRB must be retained for three (3) years after its last entry for ready reference during inspection.

SECTION X PROCEDURE FOR THE APPROVAL OF MARINE SANITATION DEVICES

This section will cover the type-approval for Sewage Treatment Plant (STP) and Certificate of Compliance for Holding Tank and Portable Toilet covered by this Memorandum Circular.

A. TYPE-APPROVAL OF STP

- 1. All applications for the type-approval of all STPs must be coursed thru the nearest MEPERG. Upon application, applicants must submit the requirements based on the checklist provided in **Annex C** of this Circular.
- 2. The MEPERG receiving the application will verify the submitted requirements and schedule an inspection of the STP.
- 3. The MEPERG through MSIT will collect the samples from the STP and will be subjected to laboratory analysis referred to in **Annex D** of this Circular.
- 4. Collected samples will then be forwarded to the MEPCOM laboratory for testing. In cases the MEPCOM laboratory cannot carry out the laboratory testing, the MEPCOM laboratory may authorize other DENR-accredited recognized environmental laboratories to conduct the testing.

5. Laboratory results will be forwarded to MEP AcCeS in support of the issuance of Accreditation of the STP. For testing carried out by DENR-recognized environmental laboratories, the MEPCOM laboratory will release a Verification Certificate to MEP AcCeS in support of the issuance of an Accreditation Certificate of the STP.
6. An accreditation certificate for the type-approval of the STP will be issued by MEPCOM thru MEP AcCeS if:
 - a. submitted documents under **Annex C** were verified to be authentic;
 - b. physical inspection was conducted and results were satisfactory, and
 - c. results of the laboratory testing conducted on the effluents are within the standards set in this Circular.

B. COMPLIANCE FOR SEWAGE HOLDING TANK AND PORTALET

1. Owners or operators of vessels, fixed or floating platforms, offshore platforms and other floating crafts and facilities applying for the sewage holding tanks certificate must submit the required documents under **Annex E** to MEPCOM thru MEP AcCeS.
2. A site inspection will be conducted collaboratively by the Marine Science Technician (MST) and accredited MARPOL Surveyor to verify the existence, design, and installation of the holding tank.
3. Upon satisfactory review of documents and physical examination of holding tank construction, MEPCOM thru MEP AcCeS will issue a Compliance Certificate. However, if the specified standards are not met, the Marine Science Technician and accredited MARPOL Surveyor, who conducted the inspection, will submit a report of non-compliance to the concerned MEPERG.

SECTION XI SEWAGE COLLECTORS

- A. All sewage collectors shall be accredited by the Philippine Coast Guard (PCG) through the Marine Environmental Protection Command (MEPCOM);
- B. Accredited sewage collectors must own or lease the following:
 - a) Vehicles and Equipment designed to haul sewage for ship such as vacuum truck and sewage disposal truck;
 - b) Vessels designed to collect and transport sewage for ship to ship collection;
 - c) Treatment and disposal facility that is certified by the DOH (as evidenced by a valid Environmental Sanitation Clearance Certificate) to operate as such.
 - d) In addition, they must have a minimum of at least ten (10) personnel per company that has completed DOH-prescribed seminars and trainings for sewage collection and treatment.

- e) Applications for renewal of accreditation must have no unpaid or any outstanding fees/ fines/compliances with the PCG.
- f) Accredited Sewage Collectors' must have a notarized contract of lease that is binding throughout the validity of the certificate.

C. Accredited Sewage Collectors are required to submit a monthly report to the Philippine Coast Guard (PCG) through the nearest MEPERG detailing the quantity and type of waste collected from vessels.

D. Accredited Sewage Collectors must submit a monthly report via email to the nearest MEPERG containing the Certificate of Treatment from the Sewage Treatment Facility for all sewage collected.

SECTION XII PROCEDURE FOR THE ACCREDITATION OF SEWAGE COLLECTORS

- A. The applicant is required to submit a formal letter of request addressed to C, MEPCOM (Attn: MEP AcCeS, via: MEPERG) expressing intention to obtain accreditation as a waste collector. The applicant shall likewise submit all accompanying documents in support of their application. The checklist enumerating the documents to be submitted by the applicant is attached hereto as **ANNEX F**. (Checklist of Documents to be submitted for Application)
- B. The concerned MEPERG will conduct an inspection to ensure compliance with all requirements and render an After-Inspection-Report.
- C. Upon satisfaction with the inspection results, the concerned MEPERG will recommend the application to MEP AcCeS for processing of sewage collector, and accreditation certificate.
- D. If the inspection results are unsatisfactory, the concerned MEPERG will advise the applying entity to ensure all necessary documents are compliant with the requirements in **ANNEX F** and further request for a re-inspection.
- E. MEP AcCeS will assess the application and confirm compliance with the requirements listed under **ANNEX F**.
- F. Upon approval, MEP ACCESS notifies the sewage collector via email regarding the order of payment for accreditation.
- G. The waste collector must make the payment as instructed by MEP AcCeS to proceed with accreditation.
- H. Upon payment confirmation, MEP AcCeS will forward the application to C, MEPCOM for approval of a certificate of accreditation.
- I. After approval of the certificate of accreditation, MEP AcCeS will notify the waste collector of the schedule of release of certificate of accreditation.

- J. The certificate of accreditation shall be valid for three (3) years from the date of issue and renewed three (3) months before the expiration date.

SECTION XIII PROCEDURE FOR THE ISSUANCE OF ISPP, OR SPP CERTIFICATE

- A. Owners of vessels covered by this Circular must submit an application to the Commander of the Marine Environmental Protection Command (CMEPCOM) for the Certificate required by this Circular.
- B. Prior to the issuance of the Certificate and before the ship is put on service, an initial survey shall be undertaken by the Marine Environmental Protection Command (MEPCOM) MEPERG Inspector, together with PCG-accredited MARPOL surveyor. In case the Certificate is being issued for the first time, the initial survey shall include a complete survey of the marine sanitation device or sewage treatment plant. Periodical surveys should be conducted annually and during dry-docking in order to ensure that the equipment/plant fully complies with the provisions of this Memorandum Circular.
- C. Following the survey, any modifications or alterations to the surveyed system require written authorization from the Commander, Marine Environmental Protection Command (MEPCOM).
- D. Vessels found to have complied with the provisions of this circular shall be issued an ISPP Certificate for international trade or SPP for domestic trade signed by the Commander, MEPCOM subject to the condition that periodical surveys shall be conducted annually and during dry docking. If the vessel is found to be in order, a Certificate of Inspection shall be issued by the PCG which shall be carried on board at all times. Failure to submit the vessel to the periodical survey shall warrant the suspension of the ISPP or SPP Certificate.
- E. The Certificate shall be valid for a period of 5 years from its date of issue.
- F. If the vessel, at the time when the certificate expires, is not in port or offshore terminal subject to the jurisdiction of the Philippines, an extension may be allowed only for the purpose of completing its voyage and returning to port for the purpose of survey and renewal of the statutory certificates.
- G. The validity of the Certificate shall not be extended to a period longer than three (3) months. Vessels granted an extension shall not, upon its arrival at its homeport or the port where it is to be surveyed, be entitled by virtue of such extension, the right to leave that port without having obtained a new certificate.
- H. The Certificate shall cease to be valid: (1) Upon the expiration of the Certificate, i.e., five (5) years from its date of issue; and (2) whenever significant alterations have taken place in the system/ equipment without a written authority from the Commander, Marine Environmental Protection Command (MEPCOM).

SECTION XIV FEES

- A. Payments for the survey conducted by PCG-accredited MARPOL surveyors shall be paid by the applicant.
- B. The PCG-prescribed fees for the processing and issuance of Certificate of Accreditation is attached hereto as **Annex G**.
- C. PCG-prescribed fees will be subject to ten percent (10%) increase after three (3) years from effectivity and for every three (3) years thereafter.

SECTION XV FINES AND PENALTIES

- A. An administrative fine of One Hundred Thousand Pesos (₱ 100,000.00) shall be imposed on the owner or operator of the Vessel, Fixed or Floating Platforms, Offshore Platforms and other Floating Crafts and Facilities, and Sewage Collectors or his duly authorized representative for every violation per day for each day during which the omission and/or contamination continues any of the following provisions:
 - 1. In violation of SECTION VI and SECTION VIII, a penalty herein shall be imposed with revocation of accreditation certificate;
 - 2. Making any unauthorized significant alterations to the system after survey, in violation of Section XI of this Circular;
 - 3. In every violation of this Memorandum Circular;
 - 4. Failure to have on board a valid Sewage Pollution Prevention Certificate (SPPC) and/or Certificate of Inspection at all times; and
 - 5. Failure to submit the vessel to a periodical survey. The imposition of the administrative penalty mentioned in the preceding paragraph shall be without prejudice to other sanctions that may be imposed for violation of any law, rule or regulation arising from the same act.
- B. The aforementioned administrative fines and penalties shall automatically be increased by ten percent (10%) every three (3) years from the effectivity of this Memorandum Circular to compensate for inflation and to maintain the deterrent effect of such fines;
- C. Vessels, Fixed or Floating Platforms, Offshore Platforms and other Floating Crafts and Facilities, and Sewage Collectors committing the same offense for the second time will be penalized with a maximum of five hundred thousand pesos (₱ 500,000.00) per day for each day of violation during which the omission and/or contamination continues and revocation of accreditation certificate and non-renewal of accreditation.
- D. The imposition of administrative penalties mentioned in this Section shall be a cause for the non-issuance of departure clearance for the vessel.



- E. The imposition of administrative penalties mentioned in this Section shall be without prejudice to other sanctions that may be imposed for violation of any law, rule or regulation arising from the same act.

SECTION XVI REPEALING CLAUSE

HPCG/CG-9 Memorandum Circular No. 10-14 dated 19 December 2014 is hereby repealed.

SECTION XVII EFFECTIVITY

This Circular shall take effect fifteen (15) days after its publication in a newspaper of general circulation.

ADMIRAL RONNIE GIL L GAVAN PCG
Commandant, Philippine Coast Guard

Approved by:

JAIME J BAUTISTA
Secretary, DOTr

ANNEX A

DEFINITION OF TERMS

For the purpose of this circular, the following terms shall be defined as:

- A. **Archipelagic Waters** – shall refer to the waters on the landward side of the archipelagic straight baselines of the territorial sea of the Philippine archipelago not constituting internal waters.
- B. **Marine Sanitation Devices** – means any equipment installed on board a vessel designed to collect, treat, or discharge sewage and human waste.
- C. **Fixed or Floating Platforms** - fixed or floating structures located at sea which are engaged in the exploration, exploitation or associated offshore processing of sea-bed mineral resources.
- D. **Offshore Platforms** - means any fixed or floating structures located at sea.
- E. **Floating Facilities** – a floating structure (a floating dock, a floating storage unit, a floating restaurant, a floating power plant, a pontoon bridge, a pontoon marina).
- F. **Holding Tank** – a tank used for the collection and storage of sewage.
- G. **Marine Sanitation Devices** - shipboard equipment that collect, store, treat and discharge sewage overboard.
- H. **Motorized Banca** – a traditionally built watercraft, predominantly wooden-hulled and propelled mechanically with or without an outrigger.
- I. **Nearest Land** - the closest shoreline of all bodies of water within the Philippine territory.
- J. **Passenger** – means
 - **Passenger in Ship Transportation:** A passenger in ship transportation refers to someone who is traveling on a ship from one place to another. These passengers are not involved in operating the ship and are onboard for the purpose of reaching a destination.
 - **Passenger in Fishing:** A passenger on a fishing vessel is someone who is not part of the crew but is onboard for the purpose of participating in fishing activities.
- K. **Philippine Maritime Jurisdiction** - include all bodies of water within the Philippine territory such as lakes, rivers, streams, creek, brooks, ponds, swamps, lagoons, gulfs, bays and seas and other bodies of water now existing or which may hereafter exist in the provinces, cities, municipalities and barangays and the waters around, between and connecting the islands of the archipelago regardless of their breadth and dimensions, includes the territorial sea, the sea beds, and insular shelves, and all other waters over which the Philippine has sovereignty

and jurisdiction, including the 200-nautical miles Exclusive Economic Zone and the continental shelf.

- L. **Reception Facility** - refers to port reception facility provided by the Port Authorities or a mobile discharge reception service provided by, or approved contract with or a permit issued by the Port Authorities or Department of Environment and Natural Resources (DENR) Environmental Management Bureau (EMB), as the case may be.
- M. **Sewage** – means
- 1) Drainage and other wastes from any form of toilets, urinals and water closed scuppers;
 - 2) Drainage from medical premises (dispensary, sickbay, etc.) via wash-basins, wash tubs and scuppers located in such premises;
 - 3) Drainage from spaces containing living animals; or
 - 4) Other wastewater mixed with any of the drainages defined above.
- N. **Sewage Discharge Record Book (SDRB)** – a document used to record information related to the discharge of sewage and wastewater from a vessel or facility. It typically contains entries detailing the volume of sewage discharged, the date and time of discharge, the location of the discharge, and any relevant operational details. These records are essential for regulatory compliance, monitoring environmental impact, and ensuring proper management of sewage discharge activities.
- O. **Vessel** - a ship of any type operating in the marine environment, including hydrofoil boats, air cushioned vehicles, submersible, floating craft and fixed or floating platforms/barges.
- P. **Sewage Collector** – means a natural or juridical entity certified and accredited by the Philippine Coast Guard engaged in the collection of sewage, grey water, and wastewater using certified equipment and trained personnel, in compliance with environmental and safety regulations.
- Q. **Sewage Truck** – also known as a vacuum truck or sewer cleaner, is a specialized vehicle designed to collect and transport sewage, wastewater, and other kinds of liquid waste from various sources, such as but not limited to vessels, sewage reception facilities, fixed or floating platforms, offshore platforms, floating crafts and facilities, residential, commercial, or industrial areas, to treatment facilities or disposal sites.
- R. **Sewage Treatment Facility** – a specialized infrastructure designed to receive, process, and treat wastewater and sewage collected from various sources before it is discharged back into the environment or for reuse.
- S. **Sewage Treatment Plant (STP)** – A facility designed to remove contaminants from wastewater, treating it to a level that allows safe discharge into the sea or other bodies of water, in compliance with environmental standards.
- T. **Special Area** - a body of water which due to recognized technical reasons in relation to its oceanographic and ecological condition and strategic importance is deemed subject to special control such as Laguna de Bay, Manila Bay, etc.

River, Taal Lake, Marine Parks and Reserves, Tourist Spots, and Marine Protected Areas.

ANNEX B

SEWAGE DISCHARGE RECORD BOOK (SDRB)

The minimum requirements to be detailed in a sewage discharge record book are the following:

- a. Name
- b. Registration Number
- c. Class of the Ship
- d. Size and Type of the Ship/Floating Platform/Floating Facility
- e. How the plan provides for the management of shipboard sewage, floating platforms/floating facilities and prevents the unlawful discharge of sewage.
- f. The ship, floating platforms, and floating facilities must be equipped with a holding tank or sewage treatment plant.
- g. The waters where the ship may lawfully discharge sewage, if any.
- h. How the equipment is operated to prevent the unlawful discharge of sewage into waters where the ship, floating platforms, and floating facilities are operating.
- i. Operating and maintenance instructions for the equipment.
- j. How the equipment is maintained and checked to ensure the equipment is in proper working order.

SAMPLE FORMAT OF SEWAGE DISCHARGE RECORD BOOK (SDRB)

| SEWAGE DISCHARGE RECORD BOOK | |
|--|--|
| <input type="checkbox"/> Vessel | <input type="checkbox"/> Floating Platform |
| <div style="display: flex; justify-content: space-between;"> Name: Registration Number: </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> Class: Size: </div> <div style="margin-top: 10px;"> Type: </div> <p style="font-size: small; margin-top: 10px;"><i>(Details of passenger numbers and length of journeys may also be included to provide a quick reference guide to inspection officers of the likely volumes of sewage generated on board.)</i></p> | |
| Onboard sewage management practices: <ul style="list-style-type: none"> Description of how sewage is managed on board. Untreated or treated sewage on board. | |
| Sewage equipment: <ul style="list-style-type: none"> The equipment, including model numbers and type, for managing sewage on board. How equipment will be operated to prevent unlawful discharge. | |
| Areas where sewage discharge is permitted: <ul style="list-style-type: none"> List of areas where the discharge of sewage from the ship is permitted. Demonstrated understanding of nil discharge areas. | |
| Operating and maintenance instructions: <ul style="list-style-type: none"> Details of operating and maintenance instructions. Alternatively, a description of where instructions can be found. | |
| Equipment maintenance: <ul style="list-style-type: none"> Details of maintenance schedule. Details of routine measures to ensure equipment is in proper working order. | |

| | DATE | TIME STARTED | TIME ENDED | LOCATION | VOLUME DISCHARGED | CHIEF ENGINEER / AUTHORIZED PERSONNEL |
|----|------|--------------|------------|------------------------|-------------------|---------------------------------------|
| | | | | (IF AT SEA, LAT, LONG) | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| | DATE | | | SIGNATURE OF MASTER | | |

ANNEX C

LIST OF REQUIREMENTS FOR THE ACCREDITATION OF SEWAGE TREATMENT PLANT (STP)

- a. Letter Request
- b. Fully Accomplished Application Form
- c. Certificate of Philippine Registry for Vessels
- d. Certificate of Ownership for Vessels
- e. STP Diagram
- f. Inspection Report with Pictures
- g. Certificate of Orderly Inspection
- h. Laboratory Result (DENR-EMB Recognized Environmental Laboratory for STP)
- i. Certified True Copy of Old Certificate (for Renewal)



ANNEX D

LIST OF ANALYSIS FOR STP ACCREDITATION

- a. Biochemical oxygen Demand (BOD_5)
- b. Total Suspended Solids
- c. Fecal Coliform

ANNEX E

LIST OF REQUIREMENTS FOR THE ACCREDITATION OF HOLDING TANKS

- a. Letter Request
- b. Fully Accomplished Application Form
- c. Certificate of Philippine Registry
- d. Certificate of Ownership
- e. Ship Safety Certificate
- f. Inspection Report
- g. Certificate of Orderly Inspection with pictures
- h. Certified True Copy of Old Certificate (for Renewal)

ANNEX F

LIST OF REQUIREMENTS FOR THE APPLICATION OF SEWAGE COLLECTORS

- a) List of equipment utilized during operations.
 - a.1. Connection system must be fitted with the standard discharge valve of STP
 - a.2. Transport Truck must be accredited by DOH
- b) Personnel must have completed either of the following trainings:
 - b.1. Basic Occupational Safety and Health (BOSH)
 - b.2. Construction Occupational Safety and Health (COSH)
 - b.3. Occupational Safety and Health (OSH)
- c) Emergency plan for injuries, accidents, or spillages
- d) Operational Plan
- e) Environmental Compliance Certificate (DENR)
- f) Environmental Sanitation Clearance (DOH)
- g) Business Permit from LGU
- h) DTI Permits or Articles of Incorporation
- i) After Inspection Report from MEPERG
- j) Endorsement Letter from MEPERG who conducted the Inspection
- k) Certified True Copy of the Previous Certificate (for renewal)

ANNEX G

CORRESPONDING FEES FOR CERTIFICATE OF ACCREDITATION

| CERTIFICATES | FEES | TOTAL |
|--|---|-------------|
| International Sewage Pollution Prevention Certificate (ISPPC) / Sewage Pollution Prevention Certificate (SPPC) | ₱ 11,790.00 | ₱ 11,790.00 |
| Sewage Treatment Plant | ACCREDITATION FEE: ₱ 1,000.00 CERTIFICATE FEE: ₱ 300.00 | ₱ 1,300.00 |
| Holding Tank | ACCREDITATION FEE: ₱ 1,000.00 CERTIFICATE FEE: ₱ 300.00 | ₱ 1,300.00 |
| Sewage and Grey Water Certificate | INSPECTION FEE: ₱ 11,790.00 ACCREDITATION FEE: ₱ 7,074.00 CERTIFICATE FEE: ₱ 300.00 | ₱ 19,164.00 |
| BOOKS | REGISTRATION | TOTAL |
| Sewage Discharge Record Book | ₱ 1,179.00 | ₱ 1,179.00 |

Fees on MEP Services and Fines and Penalties for MEP Violation | Marine Environmental Protection Command

<https://mepcom.coastguard.gov.ph/fees-on-mep-services-and-fines-and-penalties-for-mep-violation/>

