

OZONE LAYER PROTECTION REGULATIONS – ADOPTED AMENDMENTS

CHAPTER 2401-81 OZONE LAYER PROTECTION REGULATIONS

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GENERAL PROVISIONS

2401-81-01 Purpose

These Ozone Layer Protection Regulations (“Regulations”) govern the import, export, sale, and manufacture of ozone depleting substances and products containing them in the Republic of Palau (the “Republic”), in accordance with the Republic’s commitments under the Vienna Convention for the Protection of the Ozone Layer and its Montreal Protocol on Substances that Deplete the Ozone Layer.

2401-81-02 Authority and Effective Date

These Regulations are promulgated by the Republic of Palau Environmental Quality Protection Board (the “EQPB”) pursuant to the authority granted it by the Republic of Palau Environmental Quality Protection Act, RPPL 1-58 (24 PNC § 100, *et seq.*). These regulations and amendments thereto shall take effect thirty (30) days after adoption, if approved by the

President of the Republic of Palau, in accordance with 6 PNC § 125-127.

2401-81-03 Definitions

(A) The following words and terms, when used in these Regulations, shall have the following meanings unless the context clearly indicates otherwise:

(1) “Act” means the Republic of Palau Environmental Quality Protection Act;

(2) “Aerosol spray” and “aerosol” means any substance packed under pressure in container with a device for releasing it directly into the atmosphere as a foam or fine spray, or solid or liquid stream;

(3) “ASHRAE” means the American Society of Heating, Refrigerating and Air Conditioning Engineers

(4) “Board” or “EQPB” means the Republic of Palau Environmental Quality Protection Board or its authorized representative;

(5) “Bulk” in reference to any controlled substance:

- means any controlled substance whether alone or in a mixture that is in a non-processed form;
- includes any controlled substance that is acquired in a non-processed form, whether alone or in a mixture, that has been recovered, cleaned (by filtering or drying) or reclaimed (by filtering, drying, distillation or chemical treatment);

- includes any controlled substance that is in a container for the purposes of storage or transport of the substance, but

- excludes any controlled substance that is in a manufactured product or in a use system;

(6) “Carbon tetrachloride” means the substance specified in Part IV of the Appendix;

(7) “CFC” means any substance specified in Part I and Part III of the Appendix;

(8) “Complying country” means a country that is either:

- a party to the Montreal Protocol; or
- a country that has been determined, by a Meeting of Parties to the Montreal Protocol, to be in compliance with Articles 2A to 2I and Article 4 of the Protocol;

(9) “Controlled substance” or “substance” means any substance listed in the Appendix, whether pure or in a mixture, and including the isomers of any such substance;

(10) “Consumption” means the amount of each controlled substance that is produced in Palau, plus the amount imported, minus the amount exported to Parties to the Montreal Protocol;

(11) “Establishment” means any land, building, dwelling house, vessel, ship, aircraft, vehicle, or other form of conveyance.

(12) “EQPB” means the Environmental Quality Protection Board or its employees or representatives.

(13) “Export” or “Exportation” means to take or cause to be taken out of the Republic;

(14) “Goods” means, unless the context requires otherwise, any product made with or containing any controlled substance, but does not include any bulk

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controlled substance or equipment that utilizes the controlled substance.

(15) "Halon" means any substance specified in Part II of the Appendix;

(16) "HBFC" means any substance specified in Part VI of the Appendix;

(17) "HCFC" means any substance specified in Part VIII of the Appendix;

(18) "Import" or "Importation" means to bring or cause to be brought into the Republic;

(19) "Importer" means an individual or business association responsible for the importation of controlled substances into the Republic.

(20) "Methyl bromide" means the substance specified in Part VII of the Appendix;

(21) "Methyl chloroform" means the substance specified in Part V of the Appendix;

(22) "Montreal Protocol" and "the Protocol" means the Montreal Protocol on Substances that Deplete the Ozone Layer, a protocol to the Vienna Convention for the Protection of the Ozone Layer, and includes any amendments to the Protocol, or adjustments or substitutions adopted thereto to which the Republic of Palau is or will become bound;

(23) "Officer" means a designated employee of the EQPB;

(24) "Ozone depleting potential" or "ODP" means the steady-state ozone reduction for each unit mass of gas emitted into the atmosphere relative to that for a unit mass emission of CFC-11, as listed in the relevant Annexes to the Protocol and as specified in the Appendix;

(25) "Party" or "Parties" unless otherwise defined in text, means States or regional economic integration organizations who have ratified, approved, accepted, or acceded to the United Nations Vienna Convention for the Protection of the Ozone Layer and any protocol or amendments to any protocol thereto;

(26) "Person" means the Republic of Palau, a state, a political subdivision, a public or private institution, corporation, partnership, joint venture, association, firm, or company organized or existing under the laws of the Republic or any state or country, a lessee or other occupant of property, or an individual, singly or as a group;

(27) "Plastic foam" means any plastics in cellular mass which are formed with the use of any gas or volatile liquid introduced into liquid plastic to make bubbles;

(28) "Pre-shipment applications" mean any treatments applied directly preceding and in relation to export, to meet the phytosanitary or sanitary requirements of the importing country, or the existing phytosanitary or sanitary requirements of the exporting country;

(29) "President" means the President of the Republic of Palau;

(30) "Quarantine applications" mean any treatments to prevent the introduction, establishment or spread of quarantine pests (including diseases), or to ensure their official control;

(31) "Sale" means every method of disposition for valuable consideration, including barter, and includes:

a. the disposition to an agent for sale on consignment; b. offering for sale or attempting to sell, or receiving or having in possession for sale, or exposing for sale, or sending or delivering for sale, or causing or permitting any of these things to be done; or

c. disposal by way of lottery, raffle or game of chance; (32) "Solvent" means any aqueous or organic product designed to clean a component or assembly by dissolving the contaminants present on its surface; (33) "Use System" means any container, vessel, or piece of equipment containing a controlled substance whereby the mere dispensing of the product from the container, vessel, or piece of equipment constitutes the intended use of the substance;

(34) "Vienna Convention" means the Vienna Convention for the Protection of the Ozone Layer, and includes any amendments to the Vienna Convention, or adjustments or substitutions adopted thereto to which the Republic of Palau is or will become bound;

(B) Words used in these Regulations shall have the same meaning as is given to them in the Vienna Convention or the Montreal Protocol, unless a contrary intention appears.

PROHIBITIONS RELATING TO CONTROLLED SUBSTANCES

2401-81-04 Prohibitions on Importation of Bulk Controlled Substances

(A) The importation into the Republic of any bulk controlled substance specified in parts I, II, III, IV, V, ~~and VII, and VIII~~ of the Appendix, whether pure or in a mixture, is prohibited.

(B) The importation into the Republic of any bulk controlled substance specified in Part VIII of the Appendix, whether pure or in a mixture, is prohibited, except pursuant to a permit.

2401-81-05 Prohibitions on the Importation of Certain Goods Containing Controlled Substances

(A) The importation into the Republic of any dry cleaning machine that contains or is designed to use any controlled substance as a solvent is prohibited.

(B) The importation into the Republic of any aerosol spray or fire extinguisher that contains any controlled substance is prohibited, except where its use is necessary for human health as determined by the Board and pursuant to a permit.

(C) The importation into the Republic of the following goods containing controlled substances specified in Part I and Part III of the Appendix, whether new or second hand, is prohibited:

(1) any dehumidifier, refrigerator, freezer, air-conditioner, supermarket display case, heat pump or water cooler,

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(2) any air-conditioning or refrigeration unit either fitted to a vehicle or as mechanical components intended for use in or on a vehicle

(3) any plastic foam, or any goods that contain plastic foam.

(D) The importation into the Republic of the following goods containing controlled substances listed in Part VIII of the Appendix is prohibited, ~~except pursuant to a permit and availability of the annual quota unless a permit is first obtained pursuant to 2401-81-12:~~

(1) any aerosol product;

(2) any fire extinguisher;

(3) any dehumidifier, refrigerator, freezer, air-conditioner, supermarket display case, heat pump or water cooler;

(4) any air-conditioning or refrigeration unit either fitted to a vehicle or as mechanical components intended for use in or on a vehicle;

(5) any plastic foam, or any goods that contain plastic foam.

(E) The importation into the Republic of the following goods containing controlled substance from a non-complying country, is prohibited:

(1) any automobile and truck air conditioning unit (whether incorporated in vehicles or not);

(2) any refrigerator or freezer;

(3) any dehumidifier or domestic or commercial refrigeration; air conditioning or heat pump equipment;

(4) any ice machine or water cooler;

(5) any aerosol product (except medical aerosols);

(6) any portable fire extinguisher;

(7) any insulation board, panel and pipe cover; and

(F) This Regulation shall not apply to:

(1) any imported controlled substance, or any goods containing any controlled substance, that is or are used only as packaging, or part of the packaging of any other imported goods; or

(2) any imported goods that are personal or household effects in respect of which the EQPB is satisfied that they are not intended for any other person, or for gift, sale, or exchange, provided that no bulk controlled substance may be considered a personal effect; or

(3) any substances or goods that are on board, or form part of, any foreign ship or aircraft unless they are, while in the Republic, removed from that ship or aircraft.

a. For the purposes of this Regulation, a foreign ship or aircraft is any ship or aircraft except:

1. a ship registered in the Republic, as set forth in 7 PNC § 105; or

2. an aircraft registered in the Republic, as set forth in 8 PNC §501(d).

(F) Nothing in this Part of this Regulation shall prevent an exemption being granted by the EQPB and in respect of the importation or exportation of any substance or good that is imported into the Republic only for the purpose of being transshipped into another ship or aircraft for carriage to a destination that is outside the territorial limits of the Republic.

2401-81-06 Prohibitions on Exportation

(A) The exportation from the Republic of any bulk controlled substance specified in Part I - VIII of the Appendix to a non-complying country is prohibited.

(B) The exportation from the Republic of any bulk controlled substance to any complying country must be permitted by the EQPB. The EQPB may give approval per export of any bulk controlled substance to any complying country which has been recovered from vehicles, goods and equipment in the Republic and which is to be exported for the purposes of safe disposal in a foreign country.

(C) An approval given under subsection (B) must be consistent with all requirements applying under the Vienna Convention and the Montreal Protocol, and shall require that the storage, movement and disposal of the controlled substance shall be undertaken in accordance with accepted international best practice.

2401-81-07 Prohibitions on Manufacture

The manufacture within the Republic of the following substances or goods is prohibited:

(1) any controlled substance;

(2) any aerosol spray that contains any controlled substance;

(3) any dry-cleaning machine that contains or is designed to use any controlled substance as a solvent;

(4) any fire extinguisher that contains any controlled substance;

(5) any plastic foam, or any goods that contain plastic foam, that is or as manufactured using any controlled substance.

2401-81-08 Prohibitions on Sales

(A) The sale of the following goods within the Republic is prohibited:

(1) any goods specified in Regulation 2401-81-05(E)(1) – (7) (inclusive); and

(2) any fire extinguisher that contains any controlled substance listed in the Appendix.

(B) This Regulation shall not apply to the sale of secondhand goods; and

(C) This Regulation shall not apply to any goods for which a permit has been granted.

(D) Sale of substances listed in Part VIII of the Appendix is prohibited to the general public except to a service technician licensed by the EQPB.

2401-81-09 Prohibition on releasing a controlled substance to the atmosphere

No person may, in the course of installing, operating, servicing, dismantling or otherwise handling any equipment used in relation to any controlled substance, willfully or negligently permit any

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controlled substance to be discharged into the atmosphere.

STORAGE AND LABELING

2401-81-10 Storage

(A) Storage of all controlled substances must comport with international best practice, and be:

- (1) In a locked area where access is permitted only to a competent and licensed person in charge.
- (2) In a well ventilated area.

2401-81-11 Labeling

(A) All containers storing controlled substances must be labeled in English. Labels containing text in other languages must contain a translation of the information in English.

(B) All equipment containing or using controlled substance must contain a label, with all information or a translation of all information in English.

(C) All labels shall contain the following information about the controlled substance:

- (1) Name
- (2) Formula
- (3) ASHRAE number
- (4) Brand name
- (5) Country of origin or make

PERMITS AND LICENSES

2401-81-12 Importer Permits

(A) Importers of controlled substances and goods containing controlled substances must be in possession of an Importer Permit from the EQPB.

(1) The Importer Permit shall cost \$100 per year, payable to the EQPB.

(2) Importer Permits may be obtained by submitting an application to the EQPB.

(B) The EQPB may issue a General Permit under this Regulation permitting the importation of a controlled substance in a specified calendar year, if it is satisfied that the Republic will not thereby be in breach of its obligations under the Vienna Convention, ~~or the~~ Montreal Protocol, or any other international agreement to which Palau is a signatory.

(C) Importer Permits may only be issued permitting the importation of a controlled substance specified in Part VIII of the Appendix or goods containing controlled substance listed under item (D) of 2401-81-04.

2401-81-13 Storage and Use Permits

(A) A Storage and Use Permit must be obtained for the storage and use of controlled substances for the purposes of servicing equipment.

(1) Storage and Use Permits may be obtained by submitting an application to the EQPB.

(2) The permit shall cost \$50 per year payable to the EQPB.

2401-81-14 Exportation Permits

(A) Exporters of controlled substance and goods containing controlled substance must be in possession of an Exportation Permit before exporting controlled substances or goods containing controlled substances.

(1) Exportation Permits may be obtained by submitting an application to the EQPB.

(1) The Exportation Permit will cost \$100 per exportation payable to the EQPB.

2401-81-15 Medical Permits

The EQPB may issue a Medical Permit under this Regulation in relation to the importation of any product containing a controlled substance, where it is satisfied that the substance has a medical application relating to the protection of life or health.

2401-81-16 Human Health and Safety Permits

The EQPB may issue a Human Health and Safety Permit under this Regulation in relation to the importation of any bulk controlled substance specified in parts I, II, III, IV, or V of the Appendix where it is satisfied that the bulk controlled substance is necessary for human health or safety, and that there are no alternative products available.

2401-81-17 Licenses

(A) Any person engaging in the servicing or handling of any equipment using controlled substance must be licensed by the EQPB.

(B) Any importer of controlled substances and equipment containing controlled substances is required to designate a licensed person to be in charge of imported products and substances.

(C) Licenses are only issued to a certified technician by a recognized institution or the RAC Industries & Technicians Association of Palau.

(D) License application should be filled and signed by a certified RAC Technician and submitted to the EQPB for approval.

(E) Each license application shall be accompanied by a fee of ~~\$25~~ \$50.

(F) Each license issued shall be valid for duration of ~~2~~ 4 years.

(G) Any license issued by the EQPB is non-transferable and shall be rendered to the EQPB upon its revocation by the Chairman or his duly appointed representative.

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2401-81-18 General Provisions Regarding Permits and Licenses

- (A) The following requirements shall apply to all permits and licenses issued under this Regulation.
- (1) Any person engaging in an activity which requires a permit or a license shall submit an application using a form approved by the EQPB.
- (2) The applicant shall provide any information, or further information, requested by the EQPB.
- (3) The application shall be accompanied by the prescribed fee, and such additional fees as may be determined from time to time by the EQPB.
- (4) A permit may not be transferred.
- (5) A permit holder shall submit a report to the EQPB by the thirty-first (31st) of January of each year specifying all imports, exports and receipts of any controlled substances or goods for the previous year, and any other matter that the EQPB may from time to time require.
- (6) Any person who exports any bulk controlled substance shall, within 14 days before the exportation, notify the EQPB in writing and shall give particulars of the substance to be exported, the date and amount of the export, and its destination.
- (7) Any permit shall be subject to such conditions as may be imposed by the EQPB, including any condition requiring compliance with any approval, permission, license or accreditation available in another country relating to any controlled substance, any equipment used in relation to a controlled substance, or the manner in which a controlled substance may be used.
- (8) The rights under a permit, and any condition imposed on any permit (including any limit or quota on the amount of the controlled substance to which the permit applies) may be reviewed and amended by the EQPB during the term of the permit.
- (9) All imports made under any permit shall remain subject to all other laws and regulations of the Republic. The granting of a permit under these Regulations shall not relieve the holder of the permit from complying with all other laws and regulations of the Republic.
- (10) A permit may be suspended or revoked by the EQPB for any violation of these Regulations, or other EQPB regulations, whether committed by the permit holder or an employee thereof.
- (11) An application for a permit may be rejected by the EQPB if any information provided is false or misleading.
- (12) Any person whose permit and or license has been suspended or revoked, or whose application has been rejected, may appeal to the EQPB to set aside such suspension, revocation, or rejection.
- (13) An application for renewal of a permit or a license for subsequent years shall be submitted to the EQPB and may be granted with or without conditions.
- (14) Each permit shall be valid for a period of one year, commencing on the date of issuance unless earlier suspended or revoked by the EQPB

(15) Each license shall be valid for a period of 32 years commencing on the date of issuance unless suspended or revoked by the EQPB.

(16) Any persons involved in the sale and use of any substances listed in the Appendix shall keep records of ~~the~~ each purchaser's: Name, Address, and Contact Number, EQPB license Number, Brand Name, Product Description, and Quantity.

(17) All records of sale and use of any substances listed in the Appendix shall be submitted to the EQPB office no later than January 31st of each year for the previous calendar year as an Annual Report.

REGISTRATION

2401-81-19 Registration

(A) any person who wishes to import any controlled substance or equipment containing such a controlled substance must apply to the EQPB to be registered as an importer.

(B) The EQPB may approve the registration of any person or organization as an importer if the EQPB is satisfied that the person or organization:

(1) has not provided any false or misleading information in relation to the application to be registered; and

(2) has the necessary skills, trained staff, and equipment to minimize emissions of the controlled substance, and to recover, store, and deal with controlled substances in a manner which does not contravene any obligation or requirements under the Vienna Convention and the Montreal Protocol in accordance with accepted best practice.

(C) No registration shall be approved under this section if the importer or storage facility is in breach of any requirement applying to any law.

ENFORCEMENT

2401-81-20 Right of Entry

For purposes of enforcing the provisions of these regulations, the EQPB is authorized to enter any establishment or other place where controlled substances are stored, held for distribution, sale or use, or used, for the purposes of:

(1) investigating the commission of any offense or the breach of any lawful obligation under these Regulations; or

(2) enforcing any provision of these Regulations.

2401-81-21 Detained, Denied, and Impounded Shipments

(A) Any shipment of a controlled substance or goods containing a controlled substance arriving in the Republic without a permit shall be detained by the Palau Division of Customs who will notify the EQPB.

(1) If the importer had previously submitted a permit application, and if the application is pending, the

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EQPB shall determine whether to grant a permit, or to deny the application.

(2) If the importer had not previously submitted a permit application, the EQPB shall provide instruction for disposition of the shipment.

(B) Any controlled substance, goods, or equipment seized under Chapter 2401-81-21 of these Regulations:

(1) shall be stored at a place, and in a manner, in accordance with a direction given by the EQPB; and
(2) may be retained until such time as the EQPB has been satisfied by its owner, or the person from whom it has been seized, that it is not or has not been the subject of any breach of a prohibition under these Regulations.

(C) All expenses arising from the detainment of a shipment due to the failure of the importer to obtain a permit shall be payable by the importer. Failure of the importer to pay assessed costs may result in impoundment and/or denial of a permit, and/or any future application for a permit made by the importer.

(D) Any shipment of a controlled substance or goods containing a controlled substance for which delivery is denied may be disposed of by the EQPB if not exported by the consignee within ninety (90) days of denial of an application for a permit. All expenses for storage, cartage, labor, and shipping shall be payable by the consignee and any default of such payment shall entitle the EQPB to alien on such goods or substances and the proceeds of sale.

(E) If the owner of an impounded shipment does not satisfy any and all liens against such shipment within ninety (90) days after notification in writing of the amount of said liens, the Board may take effect transfer of ownership of the shipment to the Board for satisfaction of said liens.

2401-81-22 Stop Sale, Use, and Removal

(A) Whenever any controlled substance or good containing a controlled substance is found by the EQPB, the Board may order to any person who owns, controls, or has custody of such controlled substance or good containing a controlled substance to forfeit the substance or goods to the government whenever there is reason to believe on the basis of inspection or tests that:

(1) Such controlled substance or good containing a controlled substance is in violation of the provisions of these Regulations; or

(2) Such controlled substance or good containing a controlled substance has been or is intended to be distributed or sold in violation of any of the provisions of these regulations.

(B) After the issuance of such an order, no person shall sell, use, or remove the controlled substance or good containing a controlled substance described in the order except in accordance with the provisions of the order.

2401-81-23 Appeals

Any person aggrieved by a decision of the Board in any case where—

(A) Conditions of a permit or exemption are unsatisfactory for any reason;

(B) An application for permit is declined;

(C) A permit is suspended or revoked; or

(D) When an order has been issued—

—may appeal to the Board in writing within ten (10) business days after notification of the Board's decision. The appeal must state the basis for contesting the decision of the Board.

2401-81-24 Decisions to Continue in Force Pending Appeal

Every decision of the Board appealed against under these Regulations shall continue in force pending the determination of the appeal, and no person shall be excused from complying with any of the provisions of these Regulations on the grounds that an appeal is pending.

PENALTY

2401-81-25 Civil Penalty

(A) Any person who:

(1) does any act in contravention of any requirement or prohibition under these Regulations; or

(2) aids or abets any person in contravening any requirement or prohibition under these Regulations; commits an offense, and shall be liable upon conviction to a civil penalty of not more than \$10,000 per day of violation.

2401-81-26 Criminal Penalty

(A) Any person who fails to comply with any condition of a permit, license, or registration under these Regulations; or

(B) Any person who, in the course of servicing any equipment used in relation to any controlled substance, willfully or negligently permits any controlled substance to be discharged into the atmosphere;

(B) Any person who negligently or willfully violates any provision of these Regulations shall be guilty of a misdemeanor and subject to punishment provided by 24 PNC § 171C.

APPENDIX			
Controlled Substances			
Part I CFCs (Chlorofluorocarbons)			
Chemical Name	Common Name	Chemical Formula	Ozone Depleting Potential
fluorotrichloromethane	CFC-11	CFCl ₃	1.0
difluorodichloromethane	CFC-12	CF ₂ Cl ₂	1.0
trichlorotrifluoromethane	CFC-113	C ₂ F ₃ Cl ₃	0.8
dichlorotetrafluorethane	CFC-114	C ₂ F ₄ Cl ₂	1.0
chloropentafluoroethane	CFC-115	C ₂ F ₅ Cl	0.6
Part II Halons			
Chemical Name	Common Name	Chemical Formula	Ozone Depleting Potential
bromochlorodifluoromethane	halon-1211	CF ₂ BrCl	3.0
bromotrifluoromethane	halon-1301	CF ₃ Br	10.0
dibromotetrafluoroethane	halon-2402	C ₂ F ₄ Br ₂	6.0
Part III Other CFCs (Chlorofluorocarbons)			
Chemical Name	Common Name	Chemical Formula	Ozone Depleting Potential
trifluorochloromethane	CFC-13	CF ₃ Cl	1.0
fluoropentachloroethane	CFC-111	C ₂ FCl ₅	1.0
difluorotetrachloroethane	CFC-112	C ₂ F ₂ Cl ₄	1.0
fluoroheptachloropropane	CFC-211	C ₃ FCl ₇	1.0
difluorohexachloropropane	CFC-212	C ₃ F ₂ Cl ₆	1.0
trifluoropentachloropropane	CFC-213	C ₃ F ₃ Cl ₅	1.0
tetrafluorotetrachloropropane	CFC-214	C ₃ F ₄ Cl ₄	1.0
pentafluorotrichloropropane	CFC-215	C ₃ F ₅ Cl ₃	1.0
hexafluorodichloropropane	CFC-216	C ₃ F ₆ Cl ₂	1.0
heptafluorochloropropane	CFC-217	C ₃ F ₇ Cl	1.0
Part IV Carbon tetrachloride			
Chemical Name	Common Name	Chemical Formula	Ozone Depleting Potential
fluorotrichloromethane	CFC-11	CFCl ₃	1.0
difluorodichloromethane	CFC-12	CF ₂ Cl ₂	1.0
trichlorotrifluoromethane	CFC-113	C ₂ F ₃ Cl ₃	0.8
dichlorotetrafluorethane	CFC-114	C ₂ F ₄ Cl ₂	1.0
chloropentafluoroethane	CFC-115	C ₂ F ₅ Cl	0.6
Part V Methyl chloroform			
Chemical Name	Common Name	Chemical Formula	Ozone Depleting Potential
1,1,1-trichloroethane	methyl chloroform	1,1,1-trichloroethane	0.1
This formula does not refer to 1,1,2-trichloroethane.			

Part VI HBFCs (Hydrobromofluorocarbons)				
Chemical Name	Common Name	Chemical Formula	Number of Isomers	Ozone Depleting Potential
fluorodibromomethane		CHBr ₂	1	1.00
difluorobromomethane	HBFC-22B1	CHF ₂ Br	1	0.74
fluorobromomethane		CH ₂ FBr	1	0.73
fluorotetrabromoethane		C ₂ HFBBr ₄	2	0.3-0.8
difluorotribromoethane		C ₂ HF ₂ Br ₃	3	0.5-1.8
trifluorodibromoethane		C ₂ HF ₃ Br ₂	3	0.4-1.6
tetrafluorobromoethane		C ₂ HF ₄ Br	2	0.7-1.2
fluorotribromoethane		C ₂ H ₂ FBr ₃	3	0.1-1.1
difluorodibromoethane		C ₂ H ₂ F ₂ Br ₂	4	0.2-1.5
trifluorobromoethane		C ₂ H ₂ F ₃ Br	3	0.7-1.6
fluorodibromoethane		C ₂ H ₃ FBr ₂	3	0.1-1.7
difluorobromoethane		C ₂ H ₃ F ₂ Br	3	0.2-1.1
fluorobromoethane		C ₂ H ₄ FBr	2	0.07-0.1
fluorohexabromopropane		C ₃ HFBBr ₆	5	0.3-1.5
difluoropentabromopropane		C ₃ HF ₂ Br ₅	9	0.2-1.9
trifluotetrabromopropane		C ₃ HF ₃ Br ₄	12	0.3-1.8
tetrafluorotribromopropane		C ₃ HF ₄ Br ₃	12	0.5-2.2
pentafluorodibromopropane		C ₃ HF ₅ Br ₂	9	0.9-2.0
hexafluorobromopropane		C ₃ HF ₆ Br	5	0.7-3.3
fluoropentabromopropane		C ₃ H ₂ FBr ₅	9	0.1-1.9
difluorotetrabromopropane		C ₃ H ₂ F ₂ Br ₄	16	0.2-2.1
trifluorobromopropane		C ₃ H ₂ F ₃ Br ₃	18	0.2-5.6
tetrafluorobromopropane		C ₃ H ₂ F ₄ Br ₂	16	0.3-7.5
pentafluorobromopropane		C ₃ H ₃ F ₅ Br	8	0.9-1.4
fluorotetrabromopropane		C ₃ H ₃ FBr ₄	12	0.08-1.9
difluorotribromopropane		C ₃ H ₃ F ₂ Br ₃	18	0.1-3.1
trifluorodibromopropane		C ₃ H ₃ F ₃ Br ₂	18	0.1-2.5
tetrafluorobromopropane		C ₃ H ₃ F ₄ Br	12	0.3-4.4
fluorotribromopropane		C ₃ H ₄ FBr ₃	12	0.03-0.3
difluorodibromopropane		C ₃ H ₄ F ₂ Br ₂	16	0.1-1.0
trifluorobromopropane		C ₃ H ₄ F ₃ Br	12	0.07-0.8
fluorodibromopropane		C ₃ H ₅ FBr ₂	9	0.04-0.4
difluorobromopropane		C ₃ H ₅ F ₂ Br	9	0.07-0.8
flurobromopropane		C ₃ H ₆ FBr	5	0.02-0.7
Part VII Methyl Bromide				
Chemical Name	Common Name	Chemical Formula	Number of Isomers	Ozone Depleting Potential
(Mono) bromoethane	methyl bromide	CH ₃ Br		0.60

Part VIII HCFCs (Hydrochlorofluorocarbons)				
Chemical Name	Common Name	Chemical Formula	Number of Isomers	Ozone Depleting Potential
fluorodichloromethane	HCFC-21	CHFCI ₂	1	0.04
difluorochloromethane	HCFC-22	CHF ₂ CI	1	0.055
fluorochloromethane	HCFC-31	CH ₂ FCI	1	0.02
fluorotetrachloroethane	HCFC-121	C ₂ HFCI ₄	2	0.01-0.04
difluorotrichloroethane	HCFC-122	C ₂ HF ₂ CI ₃	3	0.02-0.08
trifluorodichloroethane	HCFC-123	C ₂ HF ₃ CI ₂	3	0.02-0.06
	HCFC-123	CHCl ₂ CF ₃	-	0.02
tetrafluorodichloroethane	HCFC-124	C ₂ HF ₄ CI	2	0.02-0.04
	HCFC-124	CHFClCF ₃	-	0.022
fluorotrichloroethane	HCFC-131	C ₂ H ₂ FCI ₃	3	0.007-0.05
difluorodichloroethane	HCFC-132	C ₂ H ₂ F ₂ CI ₂	4	0.008-0.05
trifluoroethane	HCFC-133	C ₂ H ₂ F ₃ CI	3	0.02-0.06
fluorodichloroethane	HCFC-141	C ₂ H ₃ FCI ₂	3	0.005-0.07
		CH ₃ CFCl ₂	-	0.11
difluoroethane	HCFC-142	C ₂ H ₃ F ₂ CI	3	0.008-0.07
		CH ₃ CF ₂ CI	-	0.065
fluoroethane	HCFC-151	C ₂ H ₄ FCI	2	0.003-0.005
fluorohexachloropropane	HCFC-221	C ₃ HFCI ₆	5	0.015-0.07
difluoropentachloropropane	HCFC-222	C ₃ HF ₂ CI ₅	9	0.01-0.09
trifluorotetrachloropropane	HCFC-223	C ₃ HF ₃ CI ₄	12	0.01-0.08
tetrafluorodichloropropane	HCFC-224	C ₃ HF ₄ CI ₃	12	0.01-0.09
pentafluorodichloropropane	HCFC-225	C ₃ HF ₅ CI ₂	9	0.02-0.07
		CF ₃ CF ₂ CHCl ₂	-	0.025
		CF ₂ ClCF ₂ CHClF	-	0.033
hexafluorochloropropane	HCFC-226	C ₃ HF ₆ CI	5	0.02-0.10
fluoropentachloropropane	HCFC-231	C ₃ H ₂ FCI ₅	9	0.05-0.09
difluorotetrachloropropane	HCFC-232	C ₃ H ₂ F ₂ CI ₄	16	0.008-0.10
trifluorotrichloropropane	HCFC-233	C ₃ H ₂ F ₃ CI ₃	18	0.007-0.23
tetrafluorodichloropropane	HCFC-234	C ₃ H ₂ F ₄ CI ₂	16	0.01-0.28
pentafluoroethane	HCFC-235	C ₃ H ₂ F ₅ CI	9	0.03-0.52
fluorotetrachloropropane	HCFC-241	C ₃ H ₃ FCI ₄	12	0.004-0.09
difluorotrichloropropane	HCFC-242	C ₃ H ₃ F ₂ CI ₃	18	0.005-0.13
trifluorodichloropropane	HCFC-243	C ₃ H ₃ F ₃ CI ₂	18	0.007-0.12
tetrafluoroethane	HCFC-244		12	0.009-0.14
fluorotrichloropropane	HCFC-251		12	0.001-0.01
difluorodichloropropane	HCFC-252		16	0.005-0.04
trifluoroethane	HCFC-253		12	0.003-0.03
fluorodichloropropane	HCFC-261		9	0.002-0.02
difluoroethane	HCFC-262		9	0.002-0.02
fluoroethane	HCFC-271		5	0.001-0.03

* Ozone depleting potential is determined in accordance with the relevant Annexes to the Montreal Protocol where a range of ODPs is indicated, the highest value in that range shall be used for the purposes of the Protocol. The ODPs listed as a single value have been determined from calculations based on laboratory measurements. Those listed as a range are based on estimates and are less certain. The range pertains to an isomeric group. The upper value is the estimate of the ODP of the isomer with the highest ODP, and the lower value is the estimate of the ODP of the isomer with the lowest ODP.

These amendments to the EQPB Ozone Layer Protection Regulations are hereby adopted this 25th day of August 2016.

Benjamin Yobech
Chairman
EQPB

Approved on this _____ day of _____, 2016:

His Excellency Tommy E. Remengesau, Jr.
President
Republic of Palau