

Joint stock company
CONTAINER TERMINAL SAINT-PETERSBURG

APPROVED

By order of Joined stock company
“Container terminal Saint-Petersburg”
Of _____ “_____”, 2014
No. _____

Guidelines for Handling of Dangerous Goods at
JSC “Container terminal Saint-Petersburg”

1. GENERAL PROVISIONS

1.1. Transshipment of dangerous goods and substances polluting seawater at the JSC "Container terminal Saint-Petersburg" (further – CT) is subject to:

- Regulations on Maritime Transportation of Dangerous Goods (MOPOG Regulations) RD 31.15.01-89;
- International Maritime Dangerous Goods Code (IMDG Code);
- Regulations on Transportation of Dangerous Goods by Rail, approved on the 15th meeting of the Railroad Council on 22.05.2009;
- Regulations on Transportation of Dangerous Goods by Motor Vehicles, approved by the Resolution of the Government of the RF of 15.04.2011 No. 272;
- Regulations on Occupational Safety at Sea Ports (POT R 0-152-31.82.03-96), approved by the order of Maritime Transport Department of 09.01.96 No. 2;
- Technical documents (Operational flow chart, Provisional Transshipment Procedure) applicable at CT;
- Guidelines for delivery/release, transshipment and storage of dangerous goods at the sea port "Greater port Saint-Petersburg", approved by the Master of the sea port "Greater port Saint-Petersburg" on 30.09.2013;
- Other applicable laws and regulations.

1.2. Classification of dangerous goods is based on the State Standard 19433-38, Regulations on Transportation of Dangerous Goods and IMDG Code.

Dangerous goods are classified into:

Class 1 – Explosives;

Class 2 – Compressed gases, liquefied gases, gases dissolved under pressure;

Class 3 – Flammable liquids;

Class 4 – Flammable solids;

spontaneously combustible materials;

substances which in contact with water emit flammable gases

Class 5 – Oxidizing substances and organic peroxides;

Class 6 – Toxic and infectious substances;

Class 7 – Radioactive materials;

Class 8 – Corrosive substances;

Class 9 – Miscellaneous.

1.3. Dangerous goods allowed for transportation are accepted for storage in high-capacity containers (HCC).

1.4. Application for delivery of the containers with dangerous goods should be submitted to CT at least 72 hours prior to the arrival of containers to the Terminal.

The information shall include:

- container number;
- full and exact description of cargo;
- IMDG Code, sub-class including adjacent sub-classes according to GOST 19433-38, page number of respective document;
- expected time of storage at the terminal;
- UN number for dangerous goods;
- container size;
- container type;
- quantity of dangerous substance;

- packing;
- packaging group;
- material safety data sheet (in Russian);
- expected time of storage at the terminal;

Permissions from state control authorities, if required, shall be submitted to the terminal prior to delivery of dangerous goods.

2. HANDLING AND STORAGE OF DANGEROUS GOODS AT CT

- 2.1. The following classes and sub-classes of dangerous cargoes are allowed for delivery to and handling at CT: 2 (except for sub-classes 2.2 and 2.4 in tank containers and refrigerated liquefied gases); 3; 4 (except for 415-418); 5 (except for 521-523); 6.1 (except for highly dangerous cargoes in tank containers and highly toxic substances in containers); 8; 9 – with an application submitted in accordance with clause 1.4 hereof and upon written permission of an authorized CT executive specifying the procedure and the date of cargo removal.
- 2.2. No advance application is required for delivery and storage of dangerous goods listed in Appendix No. 1.
- 2.3. It is prohibited to deliver to CT dangerous goods transportation of which is not allowed by MOPOG Regulations, or dangerous goods with the package, unit load devices (ULD), transport or shipping documents inconsistent with the rules of transportation of dangerous goods by respective transport.
- 2.4. Storage and transshipment of empty containers which have not been cleaned from the remains of dangerous cargo is subject to MOPOG Regulations relating to the most recent cargo transported therein.
- 2.5. Storage and transshipment of containers with dangerous goods is subject to MOPOG Regulations.
- 2.6. Handling of dangerous goods the storage of which is not allowed at CT is conducted in direct delivery mode upon written permission of the CT authorized person.
- 2.7. In the event that the packaging, ULD, means of transport, labeling or shipping documents are found inconsistent with the MOPOG Regulations, or in the event of any defect of cargo units which cannot be rectified at CT, such cargo shall be immediately removed from the territory of CT.
- 2.8. In the event of stripping of container with dangerous goods the cargo is handed over to the consignee by the number of pieces of cargo (without weighing thereof).
Report shall be drawn up in the event of discovery during container stripping of any commercial drawback or technical defect of the package. In such a case the cargo shall be handed over without weighing with a record in the statement on non-integrity of inner package.
- 2.9. Acceptance of any cargo having signs of leakage of dangerous substances from the container discovered at the moment of its delivery by any transport to the CT is prohibited.
- 2.10. Cleaning up of the spills in the event that the signs of leakage of dangerous substance from container are discovered during its storage at CT shall be carried out in accordance with the Technical Regulations.

3. PACKAGE, UNIT LOAD DEVICES AND TRANSPORT REQUIREMENTS

- 3.1. Package of dangerous goods shall meet the requirements of GOST 26319-84, IMDG Code, Regulations on Maritime Transportation of Dangerous Goods and the regulations on transportation of dangerous goods by respective mean of transport.
- 3.2. Kind, type, construction, marking and labeling of the package are specified in Appendix No. 3 to MOPOG Regulations.
- 3.3. Package of the class 2 cargo should meet the requirements of the product regulatory and technical documents and the Regulations on Design and Safe Operation of Pressure Vessels.
- 3.4. Containers with dangerous goods are accepted at CT under the condition that the outer surface of the package has no flows of liquid and dispersed solid substances.
- 3.5. Containers used for transportation of dangerous goods shall meet the State Standards (GOST), ISO standards, Regulations of Container Manufacturing Register, IMDG Code, International Convention for Safe Containers and the Customs Convention.
- 3.6. Tank containers (TC) should meet ISO 1496/3, ST SEV 3438-81, and the requirements of the USSR Container Manufacturing Register, International Convention for Safe Containers 1972 and the Customs Convention on Containers 1972.
- 3.7. Tank containers for liquid dangerous goods shall meet IMDG Code requirements.
- 3.8. Tank containers for non-cooled liquefied gases shall meet IMDG Code requirements for TC type 5, and for cooled liquefied gases - the requirements for TC type 7.
- 3.9. Each tank container should have two information plates.
- 3.10. Containers with dangerous goods and empty containers which have not been cleaned from the remains of dangerous goods shall have the marking specifying transport hazard (for non-cleaned containers according to the recent transported cargo). The marking shall meet the GOST 19433 (Appendix No. 2 to the MOPOG Regulations), IMDG Code or the regulations on transportation of dangerous goods by respective mean of transport.

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Appendix No.1 to the Guidelines for Handling of Dangerous Goods at JSC "Container terminal Saint-Petersburg"

Dangerous goods accepted by T without prior application

Класс опасности (ИМО)	Номер ООН (UN)	Транспортное наименование опасного груза	Proper Shipping Name
2.1	1056	Криптон сжатый	KRYPTON. COMPRESSED
2.1	3337	Газ рефрижераторный R404A	REFRIGERANT GAS R404A
2.1	1950	Аэрозоли невоспламеняющиеся и неядовитые	AEROSOLS
2.1	1976	Октафторциклобутан (газ рефрижераторный RC318)	OCTAFLUOROCYCLOBUTANE (REFRIGERANT GAS RC 318)
2.1	1984	Фтороформ	TRIFLUORMETHANE
2.1	2422	Октафторбутен-2 (газ рефрижераторный R1318)	OCTAFLUOROBUT-2-ENE (REFRIGERANT GAS R 1318)
2.1	2424	Октафторпропан (газ рефрижераторный RC218)	OCTAFLUOROPROPANE (REFRIGERANT GAS R 218)
2.1	3159	1. 1. 1. 2 - Тетрафторэтан	1.1.1.2-TETRAFLUORETHANE (REFRIGERANT GAS R 134a)
2.1	1969	Изобутан	ISOBUTANE
2.2	1950	Аэрозоли ядовитые	AEROSOLS
2.2	1018	Хлордифторметан(газ рефрижераторный R22)	CLORODIFLUOROMETHANE (REFRIGERANT GAS R 22)
2.2	1056	Криптон сжатый	KRYPTON. COMPRESSED
2.2	1065	Неон сжатый	NEON. COMPRESSED
2.2	1066	Азот сжатый	NITROGEN. COMPRESSED
2.2	1080	Серы гексафторид	SULPHUR HEXAFLUORIDE
2.2	1979	Газы редкие-смесь сжатая	SULPHURE DIOXIDE
2.2	2036	Ксенон сжатый	XENON
2.2	3296	Гептафторпропан (газ рефрижераторный R 227)	HEPTAFLUOROPROPANE (REFRIGERANT GAS R 227)
2.2	3340	Газ рефрежераторный R 407C	REFRIGERANT GAS R 407C
2.3	1950	Аэрозоли легковоспламеняющиеся	AEROSOLS
2.4	1950	Аэрозоли воспламеняющиеся ядовитые	AEROSOLS
3	1133	Клеи. содержащие легковоспламеняющуюся жидкость	ADHESIVES CONTAINING FLAMMABLE LIQUID

3	1263	КРАСКА (включая краску. лак. эмаль. краситель.растворы шеллака. олифу. политуру. жидкий наполнитель и жидкую лаковую основу) или МАТЕРИАЛ ЛАКОКРАСОЧНЫЙ (включая состав. разбавляющий или восстанавливающий краску)	PAINT (INCLUDING PAINT. LACQUER. ENAMEL. STAIN. SHELLAC SOLUTIONS. VARNISH. POLISH.LIQUID FILLER AND LIQUED LACQUER BASE) OR PAINT RELEADED MATERIAL (INCLUDING PAINT THINNING OR REDUCING COMPOUND)
3	1866	СМОЛА-РАСТВОР легковоспламеняющийся	RESIN SOLUTION FLAMMABLE
3	1210	КРАСКА ТИПОГРАФСКАЯ легко воспламеняющаяся или МАТЕРИАЛЫ ЛАКОКРАСОЧНЫЕ ТИПОГРАФСКИЕ (включая растворители и разбавители типографской краски) легковоспламеняющиеся	PRINTING INK FLAMMABLE OR PRINTING INK RELATED MATERIAL (INCLUDING PRINTING INK THINNING OR REDUCING COMPOUND). FLAMMABLE
3	1219	Изопропанол (спирт изопропиловый)	ISOPROPANOL (ISOPROPYL ALCOHOL)
3	1993	Легковоспламеняющаяся жидкость.Н.У.К	FLAMMABLE LIQUID. N.O.S.
3	1090	Ацетон (ацетон-растворы)	ACETONE (ACETONE SOLUTIONS)
3	1105	Спирты амиловые с температурой вспышки не менее	AMYL ALCOHOLS. FLASH POINT NOT LESS
3	1123	Бутилацетаты	BUTYL ACETATES
3	1170	Этанол (спирт этиловый) или этанол-раствор спирт этиловый- раствор)	ETHANOL (ETHYL ALCOHOL) OR ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
3	1206	Гептаны	HEPTANES
3	1208	Гексаны	HEXANES
3	1210	Краска типографская легковоспламеняющаяся или материалы лакокрасочные типографские	PRINTING INK FLAMMABLE OR PRINTING INK RELATED MATERIAL (INCLUDING PRINTING INK THINNING OR REDUCING COMPOUND). FLAMMABLE
3	1219	Изопропанол (спирт изопропиловый)	ISOPROPANOL (ISOPROPYL ALCOHOL)
3	1262	Октаны	OCTANES
3	1268	Дистилляты нефти. Н.У.К. или нефтепродукты . Н.У.К.	PETROLEUM DISTILLATES. N.O.S. or PETROLEUM PRODUCTS. N.O.S.
3	1274	Пропанол (спирт пропиловый нормальный)	PROPANOL (PROPYL ALCOHOL. NORMAL)
3	1276	Пропилацетат	PROPYLACETATE
3	1294	Толуол	TOLUENE
3	1300	Скипидара заменитель	TURPENTINE SUBSTITUTE
3	1915	Циклогексанон	CYCLOHEXANONE
3	1987	Спирты	ALCOHOL. N.O.S.

3	1993	Легковоспламеняющаяся жидкость. Н.У.К.	FLAMMA
3	2347	Бутилмеркаптаны	BUTYL MERCAPTANS
3	3271	Эфиры. Н.У.К.	ETHERS. N.O.S.
3	3295	Углеводороды жидкие. Н.У.К.	HYDROCARBONS. LIQUID. N.O.S.
3.2	1133	Клеи. содержащие легковоспламеняющуюся жидкость	ADHESIVES containing flammable liquid
3.2	1193	Метилэтилкетон	METHYL ETHYL KETONE (ETHYL METHYL KETONE)
3.2	3065	Алкобольные напитки (растворы этилового спирта)	ALCOHOLIC BEVERAGES
3.3	1133	Клеи. содержащие легковоспламеняющуюся жидкость	ADHESIVES containing flammable liquid
3.3	1866	Смола-раствор	RESIN SOLUTION
3.3	1299	Скипидар	TURPENTINE
3.3	1197	Экстракты цветочные жидкие	EXTRACTS. FLAVORING. LIQUID
3.3	1263	Краска (материал лакокрасочный)	PAINT (PAINT RELATED MATERIAL)
3.3	1266	Продукты парфюмерные. содержащие легковоспламеняющиеся растворители	PERFUMERY PRODUCTS with flammable liquid
3.3	1202	Газойль или топливо дизельное или топливо печное лёгкое	GAS OIL or DIESEL FUEL or HEATING OIL. LIGHT
4.3	1408	Ферросилиций	FERROSILICON
5.1	2069	Удобрения аммиачно-нитратные	AMMONIUM NITRATE FERTILIZERS
5.1	1498	Натрия нитрит	SODIUM NITRATE
5.1	1942	Аммония нитрат (селитра аммиачная)	AMMONIUM NITRATE
5.1	2067	Удобрения аммиачно-нитратные	AMMONIUM NITRATE BASED FERTILIZER
5.1	2068	Удобрения аммиачно-нитратные	AMMONIUM NITRATE FERTILIZERS
5.1	2070	Удобрения аммиачно-нитратные	AMMONIUM NITRATE FERTILIZERS
5.1	3087	Натрия дихломат	OXIDIZING SOLID. TOXIC. N.O.S.
5.1	1444	Аммония пероксодисульфат	AMMONIUM PERSULPHATE
5.1	1479	Окисляющее твёрдое вещество. Н.У.К	OXIDIZING SOLID/ N.O.S.
5.1	1486	Калия нитрат	POTASSIUM NITRATE
5.1	1490	Калия перманганат	POTASSIUM PERMANGANATE

5.1	1492	Калия персульфат	POTASSIUM PERSULPHATE
5.1	1505	Натрия пероксодисульфат	SODIUM PERCHLORATE
5.1	1514	Цинка нитрат	ZINC NITRATE
5.1	2984	Водорода пероксид-водные растворы с массовой	HYDROGEN PEROXIDE. AQUEOUS SOLUTION
5.2	3109	Органический пероксид типа F жидкий	ORGANIC PEROXIDE TYPE F. LIQUID
8	2794	Батареи жидкостные. заполненные кислотой электрические аккумуляторные	BATTERIES. WET. FILLED WITH ACID
8	3264	Коррозионная жидкость кислая неорганическая. Н.У.К.	CORROSIVE LIQUID. ACIDIC. INORGANIC. N.O.S.
8	1719	Едкая щелочная жидкость. Н.У.К.	CAUSTIC ALKALI LIQUID. N.O.S.
8	1760	Коррозионная жидкость. Н.У.К.	CORROSIVE LIQUID. N.O.S.
8	1805	Кислота фосфорная. твёрдая	PHOSPHORIC ACID SOLUTION
8	1813	Калия гидроксид твёрдый	POTASSIUM HYDRIDE. SOLID
8	2680	Лития гидроксид	LITHIUM HYDROXIDE
8	3253	Натрия триоксосиликат	DISODIUMTRIOXOSILICATE
8	3259	Амины твердые коррозионные. Н.У.К.	AMINES. SOLID. CORROSIVE. N.O.S.
8	3260	Коррозийное твердое вещество кислое неорганическое. Н.У.К.	CORROSIVE SOLID. ACIDIC. INORGANIC. N.O.S.
8	3261	Коррозийное твердое вещество кислое органическое. Н.У.К.	CORROSIVE SOLID. ACIDIC. ORGANIC. N.O.S.
8	3262	Коррозионное твёрдое вещество щелочное неорганическое. Н.У.К.	CORROSIVE SOLID. BASIC. INORGANIC. N.O.S.
8	3263	Коррозионное твёрдое вещество щелочное органическое. Н.У.К.	CORROSIVE SOLID. BASIC. ORGANIC. N.O.S.
8	3264	Коррозионная жидкость кислая неорганическая. Н.У.К.	CORROSIVE LIQUID. ACIDIC. INORGANIC. N.O.S.
8	3265	Коррозионная жидкость кислая органическая. Н.У.К.	CORROSIVE LIQUID. ACIDIC. ORGANIC. N.O.S.
8.1	2794	Батареи жидкостные кислотные	BATTERIES.WET. FILLED WITH ACID
8.2	1823	Сода каустическая (натрия гидроксид твёрдый)	SODIUM HYDRIDE. SOLID
8.2	2795	Батареи жидкостные щелочные	BATTERIES. WET. FILLED WITH ALKALI
9	3077	Смола СНВ	RESIN START
9	3082	Вещество. опасное для окружающей среды. жидкое. Н.У.К.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE. LIQUID. N.O.S.
9	3091	Батареи литиевые в оборудовании	LITHIUM BATTERIES CONTAINED IN EQUIPMENT

9	3363	Грузы опасные в оборудовании	DANGEROUS GOODS IN MACHINERY
9	2216	Мука рыбная стабилизированная обработанная	FISHMEAL (FISHCRAP). STABILIZED
9	3091	Батареи литиевые в оборудовании	LITHIUM BATTERIES CONTAINED IN EQUIPMENT
9	3268	Нагнетатели надувных подушек. пиротехнические или модули	AIR BAG INFLATORS or AIR BAG MODULES
9	3359	Грузовая транспортная единица под фумигацией	FUMIGATED UNIT
9	3363	Грузы опасные в оборудовании	DANGEROUS GOODS IN MACHINERY
9.1	б/н	Гидрокарбонат натрия (бикарбонат натрия. сода питьевая)	SODIUM BICARBONATE
9.1	3077	Смола СНВ	RESIN START
9.1	б/н	Канифоль	ROSIN
9.1	б/н	Каучук	CAOUTCHOUC
9.1	б/н	Кислота стеариновая	STEARIC ACID
9.1	б/н	Кислота щавелевая	OXALIC ACID
9.1	б/н	Медный купорос (меди сульфат)	COPPER (II) SULPHATE PENTAHYDRATE
9.1	б/н	Калия карбонат (поташ)	POTASSIUM CARBONATE
9.1	б/н. (3082)	Спирты синтетические жирные; Кислоты жирные синтетические	SYNTHETIC PRIMARY FATTY ALCOHOLS; SYNTHETIC FAT ACIDS
9.1	2071	Удобрения аммиачно-нитратные. содержащие не более 70% аммония нитрата и не более 0.4% горючего вещества (нитроаммофоска. азофоска)	AMMONIUM NITRATE FERTILIZERS: with not more than 70% ammonium nitrate and not more than 0.4% combustible material
9.1	2211	Полимерные шарики (смола полистироловая вспучивающаяся)	POLYMERIC BEADS
9.1	2590	Асбесты белые (хризотил. актинолит. антофиллит. тремолит)	WHITE ASBESTOS (chrysotile. actinolite. anthophyllite. tremolite)
9.1	3077	Стронций углекислый (стронция карбонат)	STRONTIUM CARBONATE
9.1	3077	Сода кальцинированная	SODIUM CARBONATE