POLİPORT KİMYA SAN. VE TİC. A.Ş.

DANGEROUS GOODS GUIDE BOOK

DATE: 29.12.2015

AUTHORIZED PERSON NAME SURNAME

EFE HATAY

SIGN

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APPENDIX

REVISION PAGE

ITEM NUMBER	REVISION NUMBER	REVISION CONTENT	REVISION DATE	PERSON	
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1	1	Revisions are marked with red	15.06.2017	Cansu Göçer Fereli	
2	2	Revisions are marked with blue	22.08.2017	Cansu Göçer Fereli	
3	3	Revisions are marked with red	20.02.2018	Cansu Göçer Fereli	
4	4	Revisions are marked with red	4.02.2019	Cansu Göçer Fereli	
5	5	Section 7.4 and 7.5	21.05.2019	Cansu Göçer Fereli	
6	6	Revisions are marked with red	21.05.2020	Mustafa Revan	

1. INTRODUCTION

1.1. General Information About Company

Poliport provides Bulk Liquid Cargo Storage, Type A General Warehouse and Dry Cargo / General Load Vessels Loading - Unloading services to its customers. Handling of hazardous substances/dangerous goods subject to the IMDG Code is accomplished in Liquid Cargo Terminal. Solid hazardous Cargo-coal is handled in Solid Cargo Terminal, and bulk cargo handled varies according to customer demand. Therefore, in this context it is focused on dangerous goods handled in Liquid Cargo Terminal and coal handles in Solid Cargo Terminal.

1	Port Authorized Person Name/Title	Poliport Kimya San. Ve Tic. A.Ş.		
2	Port Authorized Person Contact Information (adress, telephone, fax, e-mail and web page)	Dilovası Organize Sanayi Bölgesi 1.Kısım Liman Caddesi No:07 Dilovası/KOCAELİ 0 (216) 678 56 00, ehatay@poliport.com http://www.poliport.com/		
3	Company Name	Poliport Kimya San. Ve Tic. A.Ş.		
4	City	Kocaeli		
5	Company Contact Information (adress, telephone, fax, e-mail and web page)	Dilovası Organize Sanayi Bölgesi 1.Kısım Liman Caddesi No:07 Dilovası/KOCAELİ 0 262 679 71 00 poliport@poliport.com http://www.poliport.com/		
6	Geographical area of Company Location	Marmara		
7	Port Authority and Contact Details	Kocaeli Liman Başkanlığı		
8	Municipality and Contact Details	Kocaeli Büyükşehir Belediyesi		
9	Organized Industrial Zone	Dilovası Organize Sanayi Bölgesi		
10	Validity Date of Temporary Operating Permit	31.07.2020		
11	Operating Status of Company	Self-load and Third Party (…)	Self-Load (…)	Third Party (X)
12	Port Authorized Person Name/Surname and Contact Information (adress, telephone, fax, e-mail and web page)	EFE HATAY/Genel Müdür 0 (534) 791 06 25 ehatay@poliport.com		
13	Dangerous Goods Operations Responsible Name/Surname and Contact Information (telephone, fax, e-mail)	Burak Demiralp/Liquid Cargo Terminal Manager bdemiralp@poliport.com 0 (530) 600 32 02		
14	Dangerous Goods Safety Advisor Name/Surname and Contact Information (telephone, fax, e-mail)	MUSTAFA REVAN/ DGSA mrevan@poliport.com 0 (538) 854 76 11		

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30	Fumigation Area (m^2)	-	
31	Pilotage Service Provider Name and Contact Information	Sanmar Shipyards – Towage Services Aydıntepe Mah., Guz,in Sok., No:31, İçmeler, Tuzla/İstanbul Anadolu Kılavuzluk A.Ş. (Ankaş)- Pilotage Services İçerenköy Mah., Çayır Cad., No: 7, Üçgen Plaza, Kat: 8, 34752, Ataşehir/ İstanbul	
32	Is there a Security Plan? (Yes/No)	Yes-ISPS Code	
33	Capacity of Waste Receiving Facility (Bu bölüm tesisin kabul ettiği atıklara göre ayrı ayrı düzenlenecektir.)	Waste Type	Capacity (m^3)
		MARPOL 73/78 APPENDIXII 16 07 09 Ship Waste	240

34 Dock etc. Area Information

Dock No	Length (meter)	Width (meter)	Max water depth (meter)	Minimum water depth (meter)	The largest tonnage and length of ship (DWT or GRT-meter)
Finger Dock (Terminal)	250	12	13	9,9	40.000 DWT 200 m
Dock 3 (İzmit Side Finger Dock)	250	40	27	10,5	100.000 DWT
Dock 4 (İstanbul Side Finger Dock)	450	40	27	10,5	100.000 DWT

Name of Pipeline (If it is available)	Quantity	Length (meter)	Diameter (inç)
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1.1.1. POLİPORT

Owned by Polisan Holding, Poliport was established in 1975 at Dilovası where the plants of the group are located, for providing bulk liquid storage services. Being one of the largest private ports of Turkey today, Poliport provides Bulk Liquid Cargo Storage, Type A General Warehouse and Dry Cargo / General Load Vessels Loading - Unloading services to its customers. Annual handling capacity of Poliport is 7.500.000 (Bulk liquid and solid terminals) tons.

1.1.1.1. LIQUID CARGO TERMINAL

Terminal has a capacity of **260.540 m³** the tank capacities ranging between 100 m³ to **9.300 m³**. All tanks are made of carbon steel or stainless steel material. According to the properties of stored chemicals, tanks can be coated or modified for heating, cooling or insulation.

All kind of bulk liquid chemicals and petroleum products can be stored in the tanks. Terminal is a bonded area and is appropriate for import and transit business. Poliport is an independent storage terminal and has no involvement with the trading of chemicals.

Vessel Loading and Discharge Procedures

The length of the terminal jetty is 250 meters, it is 12 meter wide, and has a draft changing between 10.50 to 13.50 meters and suitable for mooring of vessels up to 40.000 DWT. At the jetty 4 vessels can be moored and loaded/discharged at the same time. Transfer operations are carried out with 35 transfer pipelines running from the tank farm to the four jetty manifolds. Transfer operations are carried out with transfer pipelines running from the tank farm to the manifolds. There are product vapor return lines and scrubber systems for product specific transfer operations.

Tanker Truck Loading

Tanker truck loading operations are performed at loading platforms equipped with sprinklers and electronic grounding systems. All tanker trucks are controlled prior to loading in checkpoints. Truck loadings can be done in a closed circuit (with vapor return line) when necessary and can be monitored with computer system.

Barge Loading

Beside bulk chemicals, Poliport also provides fast and reliable barge loading services for bunker supply to transit vessels. Electronic flow meters and computer controlled level control systems are used for precise loading.

Waste Reception and Waste Management

Hazardous chemical wastes which are discharged from vessels and collected during terminal operations are packaged, labeled and stored in an appropriate area at the

waste reception facilities. All waste is send to waste disposal/re-cycling plants by licensed vehicles. Two distillation units are utilized for recycling of hazardous wastes to reduce waste formation at the source. Poliport has Vessel Waste Reception License and authorized to receive below types of wastes.

Storage

Customers can monitor their stock quantities and movements through Poliport web site supported with SAP. Each tank has its dedicated ex - proof transfer pumps and dedicated loading and discharging pipelines. Temperatures, levels, densities and vapor pressures in the tanks are monitored through SAAB Radar System from the control room. Storage tank constructions are in compliance with API standards. Each tank is equipped with NFPA compliant, fire protection systems (sprinkler and and foam lines). The number of fire water pumps and the fire water flow capacities are designed according to the worst case scenario.

Drumming

Drumming operations are done in closed and open drumming stations. Fully Automated drumming station is connected to the scrubber system.

Blending

Poliport provides automatic in-line blending services for bunker supply to barges.

1.1.1.2. DRY CARGO TERMINAL

Its annual handling is 5.000.000 tons. Handling of many types of bulk and general cargo loads including coal, aluminum, steel plate, steel roll, grain is performed.

1.1.1.3. A TYPE BOUNDED WAREHOUSE

Poliport warehouses are “A Type General Warehouses” which are under control of Dilovasi Custom Authority within the Custom Act 4458 of Warehouse Regime. Annual storage capacity is **500.000** on average with 1/month turnover.

Poliport offers in its “A TYPE” bonded general warehouses the storage and logistic services for product incoming by road to its customer by also providing webtool services in which our customers can easily follow up their stock levels and movements at all times. In our open 28806 m² ve kapalı 6896 m² bonded warehouses strecthing over 25.000 m², various type of materials including general cargo such as ferrous&non-ferrous, mining products, all type of packaged materials as well as flammable and hazardous products can be safely stored.

1.2. Loading/Discharge, Handling and Storage Procedures Regarding Dangerous Goods Handled and Stored Temporarily on Port

Poliport consists of Bulk Liquid Cargo Terminal, Type A General Warehouse and Dry Cargo / General Load Terminal. Handling of hazardous substances/dangerous goods

subject to the IMDG Code is accomplished in Liquid Cargo Terminal. Solid hazardous Cargo-coal is handled in Solid Cargo Terminal, and bulk cargo handled varies according to customer demand.

In addition, Dangerous goods incoming by road to the site are stored in A type Bounded Warehouse 88. Procedures, Instructions and Forms of Poliport are as follows:

TERMİNAL

PT.001	PROCEDURE FOR PRODUCT DESCRIPTION AND TRACEABILITY
PT.002	PROCEDURE FOR TERMINAL OPERATIONS PLANNING AND APPLICATION
PT.003	PROCEDURE FOR PROCESS CONTROL
PT.004	PROCEDURE FOR TRANSPORTATION, STORAGE, PACKAGING AND SHIPPING
PT.005	SERVICE PROCEDURE
PT.006	PROCEDURE FOR COLOR CODES OF LINE AND EQUIPMENTS
PT.007	TANK AND LINE CLEANING PROCEDURE
PT.009	PROCEDURE FOR SAMPLE STORAGE CONDITIONS AND TIME
PT.010	IMPROPER PRODUCT CONTROL PROCEDURE
PT.011	AGREEMENT PROCEDURE
PT.012	Safe Handling of Liquid Bulk Dangerous Goods Operation Procedure
TT.001	INSTRUCTION FOR TANK TO ROAD TANKER FILLING
TT.002	INSTRUCTION FOR TANK TO SHIP PRODUCT TRANSFER
TT.003	INSTRUCTION FOR TANK TO TANK PRODUCT TRANSFER
TT.004	INSTRUCTION FOR TANK TO ROAD TANKER TDI-MDI FILLING
TT.005	INSTRUCTION FOR CLOSE FILLING AND TANK TO ROAD TANKER PRODUCT TRANSFER
TT.006	INSTRUCTION FOR TANK TO ROAD TANKER HMD FILLING
TT.007	INSTRUCTION FOR SHIP TO TANK HMD TRANSFER
TT.008	INSTRUCTION FOR SHIP TO TANK PRODUCT TRANSFER
TT.009	INSTRUCTION FOR SHIP TO TANK PRODUCT TRANSFER -TDI&MDI
TT.010	SAMPLE STORAGE INSTRUCTION
TT.011	INSTRUCTION FOR STORAGE OF INHIBITOR CONTAINING PRODUCTS
TT.012	INSTRUCTION FOR METHANOL DENATURATION OPERATION
TT.013	INSTRUCTION FOR PIG LINES USAGE
TT.014	DAILY CONTROL INSTRUCTION FOR HMD TANK
TT.015	NEUTRALIZATION OPERATION FOR HMD SPILLAGE
TT.016	PUMP USAGE INSTRUCTION
TT.017	INSTRUCTIONS FOR ENCLOSED FILLING FROM TANK TO TRUCK (ENG)
TT.018	HOSE USAGE AND TEST INSTRUCTION
TT.019	HOSE USING AND TESTING MANUAL_ENG
TT.020	INSTRUCTIONS FOR PRODUCT TRANSFER BUSINESS UNITS
TT.021	BARRELLING OPERATIONS INSTRUCTION
TT.022	SHIPPING INSTRUCTION

TT.023	HMD SAMPLING INSTRUCTION
TT.024	SAMPLING INSTRUCTION
TT.025	TANK CLEANING INSTRUCTION
TT.026	CRANE USAGE INSTRUCTION
TT.027	CLEANING AND ORGANIZATION INSTRUCTION
FPT.002-01.00	SHIP FILE
FPT.002-02.00	TANK OPERATION CARD
FPT.002-03.00	DUTIES AND INFORMATION FORM
FPT.002-04.00	CONTROL FORM FOR TANKS AND LINE BEFORE OPERATIONS
FPT.002-05.00	PRE-SHIP PREPARATION FORM
FPT.002-06.00	PRE-ARRIVAL INFORMATION EXCHANGE FORM_EN
FPT.002-07.00	PRE-ARRIVAL INFORMATION EXCHANGE FORM
FPT.002-08.00	SHIP-SHORE SAFETY CHECK LIST (GEMİ VE SAHİLDE EMNİYET KONTROL FORMU)
FPT.002-09.00	PRE-TRANSFER MEETING FOR LOADING DISCHARGING
FPT.002-10.00	MANIFOLD CARD DELIVERY PROTOCOL
FPT.002-11.00	SHIP OPERATION TANK DETERMINATION FORM
FPT.002-12.00	CUSTOM APPLICATION FOR TANK TRANSFER
FPT.002-13.00	CUSTOM DECLARATION BEFORE UNLOADING
FPT.002-14.00	CUSTOM DECLARATION BEFORE LOADING
FPT.002-15.00	PILOT BERTHING REQUEST
FPT.002-16.00	BARGE- SHORE SECURITY CONTROL FORM
FPT.002-17.00	CUSTOM DECLARATION BEFORE ISOCONTAINER UNLOADING
FPT.002-18.00	DUTIES AND INFORMATION FORM (FOR PRODUCT TRANSFER TO BUSINESS UNIT)
FPT.002-19.00	CONTROL FORM FOR TDI-MDI LOADING TO ROAD TANKER
FPT.002-20.00	CONTROL FORM FOR HMD LOADING TO ROAD TANKER
FPT.002-21.00	ROAD TANKER LOADING/UNLOADING CONTROL FORM
FPT.002-22.00	MANIFOLD CARD
FPT.002-23.00	PRODUCT ANALYSIS REPORT
FPT.002-24.00	TERMINAL PUMPING LOG FOR DISCHARGING
FPT.002-25.00	TERMINAL PUMPING LOG FOR LOADING
FPT.002-26.00	RECORD FOR TANK DETERMINATION
FPT.002-27.00	NEW EMPTY BARREL CONTROL FORM
FPT.002-28.00	FILLED BARREL CONTROL FORM
FPT.002-29.00	DUTIES AND INFORMATION FORM (FOR METHANOL DENATURATION OPERATIONS)
FPT.003-01.00	PROCESS CONTROL CARD FOR INHIBITOR CONTAINING PRODUCTS
FPT.003-02.00	HOSE PERIODIC CONTROL CARD
FPT.003-03.00	TANKER LOADING PLATFORM MONTHLY CONTROL CARD
FPT.003-04.00	PIER AND EQUIPMENTS CONTROL FORM
FPT.003-05.00	MONTHLY CONTROL FORM FOR HMD TANKI (TANK-5)
FPT.003-06.00	DAILY CONTROL CARD FOR DAILY VALVE
FPT.004-01.00	FILLING AND LOADING ORDER
FPT.004-02.00	SAMPLE LABEL
FPT.004-03.00	A TYPE GENERAL BOUNDED WAREHOUSE PRODUCT DELİVERY DOCUMENT
FPT.011-01.00	POLİPORT STORAGE AGREEMENT_DRAFT

FPT.011-02.00	STORAGE AGREEMENT_DRAFT_EN

BOUNDED WAREHOSE

PA.001	BOUNDED WAREHOUSE SERVICES PEROCEDURE
PA.002	BOUNDED WAREHOUSE PRODY IN / OUT PROCEDURE
PA.003	Safe Handling of Packaged Dangerous Goods Operation Procedure
TA.001	BOUNDED WAREHOUSE PRODY IN / OUT INSTRUCTION
TA.002	INSTRUCTION FOR UNLOADING/LOADING OPERATIONS INSTRUCTION
FPA.002-01.00	STATUS DETERMINATION RECORD
FPA.002-02.00	DELIVERY DOCUMENT – A TYPE GENERAL BOUNDED WAREHOUSE
FPA.002-03.00	LOADING ORDER-SAP
FTA.002-01.00	TRUCKS SAFETY CHECKLIST
FTA.002-02.00	BOUNDED WAREHOUSE CONTROL CARD

DRY CARGO TERMINAL

PL.001	PORT SERVICES PROCEDURE
PL.002	PORT CONTRACTORS SERVICES PROCEDURE
PL.003	Safe Handling of Hazardous Solid Bulk Loading Operation Procedure
TL.001	PORT OPERATIONS INSTRUCTION
TL.002	WEIGHING MACHINE INSTRUCTION
TL.003	INSTRUCTION FOR CHECKER
TL.004	INSTRUCTION FOR CRANE DRIVER
FPL.001-01.00	PORT SERVICES AGREEMENT
FPL.001-04.00	CUSTOM APPLICATION LETTER
FPL.001-05.00	Port Docking / Shifting Demand
FPL.001-06.00	Subcontractor Work Request
FPL.001-07.00	PORT SERVICES INFORMATION DOCUMENT
FPL.001-08.00	SHIP FILE
FPL.001-10.00	LOADING UNLOADING CHECK MARK
FPL.001-11.00	LOADING UNLOADING REPORT
FPL.001-12.00	BILLING REPORT
FPL.001-13.00	Weighing List
FPL.001-14.00	Piers Planning Schedule
FPL.001-15.00	Shift Report
FPL.002-02.00	Health, Safety and Environmental Policies for Transportation Companies

2. RESPONSIBILTIES

According to Regulation about Carriage of Dangerous Goods by Sea Article 11:

2.1. Load Responsible

Here Load (Dangerous Goods) Responsible means shipper, receiver, agent and transportation commission agent. Responsibilities for the coastal facility are specified in 2.2 respectively.

a) He prepares all necessary information, certificate, documents and provides that these documents are close to dangerous goods during transportation operations.

b) He ensures classification, identification, packaging, labeling, placarding of dangerous goods in full compliance with the regulations.

c) He ensures safe loading of dangerous goods to approved packages or other transportation units, safe transportation and discharging.

ç) He provides training about risks of dangerous goods transported by sea, safety measures, safe operation, emergency measures, security and related issues. Also he keeps records regarding these trainings.

d) He ensures the necessary safety measures for dangerous substances posing health or environmental risk.

e) He provides necessary information and support in case of emergency situation and accidents.

f) In his area of responsibility, He reports dangerous goods accidents to authority.

g) He presents information and documents to competent person during audits.

2.2. Port Operations Responsible

Here Port Operations Responsible means person who organises dangerous goods operations. At this point, Liquid Cargo Terminal Manager and Terminal Operations Manager fulfill the following responsibilities. Please see job description for details. On the other hand, Dangerous Goods incoming by road are stored at Bounded Warehouse 88. For Bounded Warehouse 88 and **Dry Cargo Terminal** responsible is Bounded Warehose Manager/**Dry Cargo Terminal Manager** and Operations Planning Manager. Those responsible for direct related to these persons are the Operation Officer at the Liquid Cargo Terminal and the Shift Supervisors at the Dry Cargo Terminal. See job descriptions for information.

a) He ensures berthing, mooring of ships in a safe manner.

b) He ensures safe input-output system between ship and shore.

c) He provides training for staff who work in loading, discharging and handling operations.

ç) He ensures that dangerous goods are transported, handled, segregated and stored, checked in a safe manner by qualified, trained personnel who takes safety measures.

d) He prepares all necessary information, certificate, documents and provides that these documents are close to dangerous goods during transportation operations.

e) He keeps an updated list of all dangerous goods in the business field.

f) He provides training about risks of dangerous goods, safety measures, safe operation, emergency measures, security and related issues. Also he keeps records regarding these trainings.

g) He controls all documents on the purpose of proper classification, certification, packaging, labeling, decleration, safe loading of all dangerous goods to approved packages or other transportation units, safe transportation.

ğ) He ensures the necessary safety measures for dangerous substances posing health or environmental risk and reports these situaitons to the authority.

h) He makes arrangements for emergency situations and informs people about all these issues.

ı) In his area of responsibility, He reports dangerous goods accidents to authority.

i) He provides necessary information and support to competent person during audits.

j) He performs dangerous goods related activities in dock, warehouse was built in accordance with this business.

k) He equips docks dedicated for loading and discharging of bulk petroleum and petroleum products with proper equipments.

l) He provides transportation of dangerous goods that couldnt be stored in the business field to the outside of the facility.

m) Ships carrying dangerous goods are not sidled without permission from the port authority.

n) He determines storage area according to the rules for separation and stacking containers carrying dangerous goods and takes measures for fire, environmental and other issues. He takes measures for loading, discharging or transshipment with ship personnel especially for dry season. Flammable materials are kept away from sparks forming operations and spark forming equipments can not be operated in dangerous goods handling areas.

o) He prepares emergency evacuation plan fort he evacuation of ships and vessels.

2.3. Responsibilities of Dangerous Goods Safety Advisor

Obligation to employ DGSA for sea transport begins as of 2018. An employee is DGSA for road transport, **by railway trasport (RID) and by sea transport (IMDG CODE).** See job description of Dangerous Goods Safety Specialist for details.

2.4. Responsibilities of Third Parties

Responsibilties are designated under PH.045 Subcontractor Management Procedure. Employees of Third Parties such as agent, Customs officials, Inspection Agency, **Sanmar Shipyards – Towage Services and Anadolu Kılavuzluk A.Ş. (Ankaş)- Pilotage Services**, Mare Sea Cleaning Companies, Shipping Companies should comply with safety rules and related regulations. These rules are explained at the entrance of site.

3. RULES AND MEASURES TO BE FOLLOWED ON PORT

According to Regulation about Carriage of Dangerous Goods by Sea Article 12 following measures are taken in Poliport:

a) Port Managers provides transportation of dangerous goods that couldnt be stored in the business field to the outside of the facility.

b) Dangerous Goods are properly packaged and these packages are labelled with labels that include risk information to identify the hazardous materials and safety precautions.

c) Personnels wear proper protection equipment that is suitable for physical and chemical properties of dangerous goods during loading, discharging and storage operations.

ç) Personnel who is responsible for fighting with fire in case of any accident during handling dangerous goods should be equipped with a fireman's outfit and fire extinguishers, first aid units and equipments should be ready to use.

d) Port Managers prepare emergency evacuation plan for evacuation of ships and submit this plan to the Port Authority for approval.

e) Port Managers ara responsible for taking fire, security and safety measures.

g) Personnel who does not have training certificate can’t enter to the area where dangerous goods are handled and can’t work such areas.

4. DANGEROUS GOODS CLASSES, TRANSPORTATION, LOADING/DISCHARGE, HANDLING, SEPERATION AND STORAGE

4.1. Dangerous Goods Classes

Dangerous Goods List handled at Poliport Liquid Cargo Terminal is communicated to relevant authorities.

In addition, Coal with not having the UN Code is handled at Dry Cargo Terminal. Dangerous goods transported by road are stored in Bounded Warehouse 88 where is affiliate of Poliport. These are communicated to relevant authorities.

These products are carried in accordance with ADR. Bounded Warehouse 88 is not covered by the Hazardous Material Conformity Certificate. Hazardous goods packed are not handled in the coastal facility.

4.2. Dangerous Goods Packages

Poliport Coastal facility does not have container transportation, packaged hazardous material is not handled.

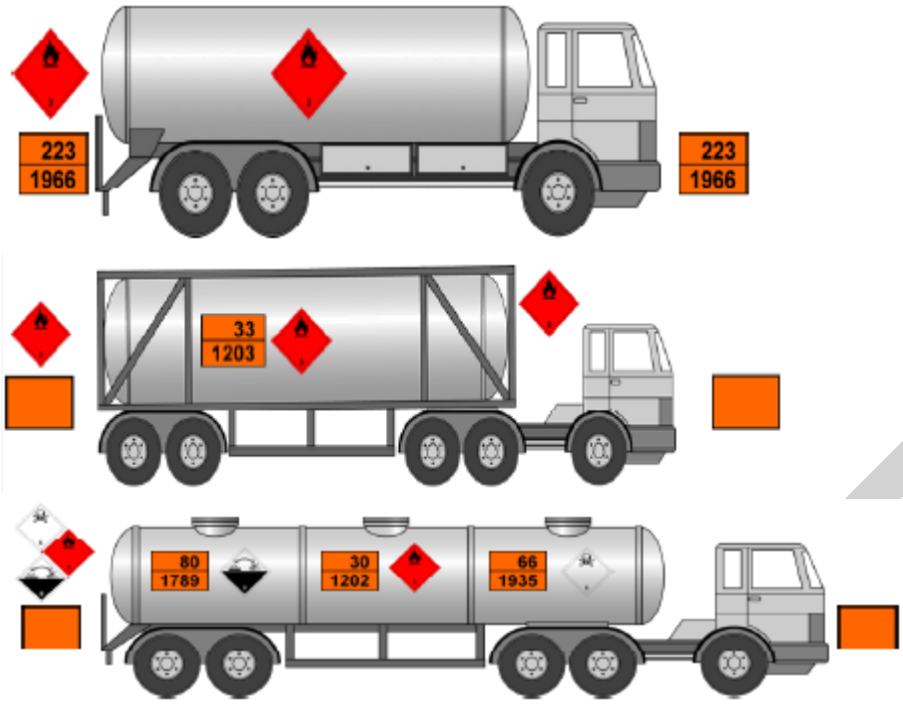
4.3. Placards, Plates, Brands and Labels Regarding Dangerous Goods

Packaged dangerous goods are not shipped to Poliport Liquid Cargo Terminal by sea and are not shipped from Poliport Liquid Cargo Terminal. These are mentioned in Section 4.2. According to IMDG Code and ADR labeling should be as follows:

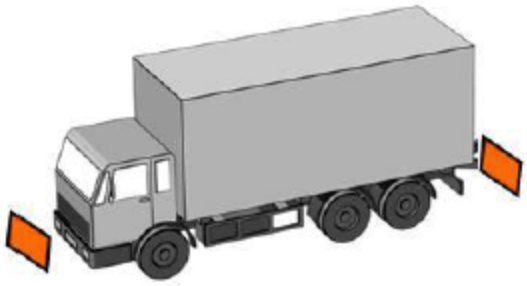
- Packaging must bear the marking of the UN standards,
- Danger signs of transported products should be included,
- Directional arrows must take place outer packaging of liquid product,
- If product is dangerous for the environment, dangerous sign should take place on packaging.
- UN number and proper shipping name of dangerous goods should take place on packaging.

According to ADR It should be provided to control road tanks that transport dangerous goods from Poliport to Product owner or Customer of Product Owner. According to ADR labeling of road tanks should be as follows:

- Orange plate that shows UN number of dangerous goods and hazard characteristics should take place on,
- Danger signs should be placed on 3 sides of the tank.



Dangerous goods transported by road to Bounded Warehouse 88 has the following marking criteria:



4.4. Dangerous Goods Labels and Packaging Groups

Dangerous Goods List handled at Poliport Liquid Cargo Terminal and their labels and packing groups are communicated to relevant authorities.

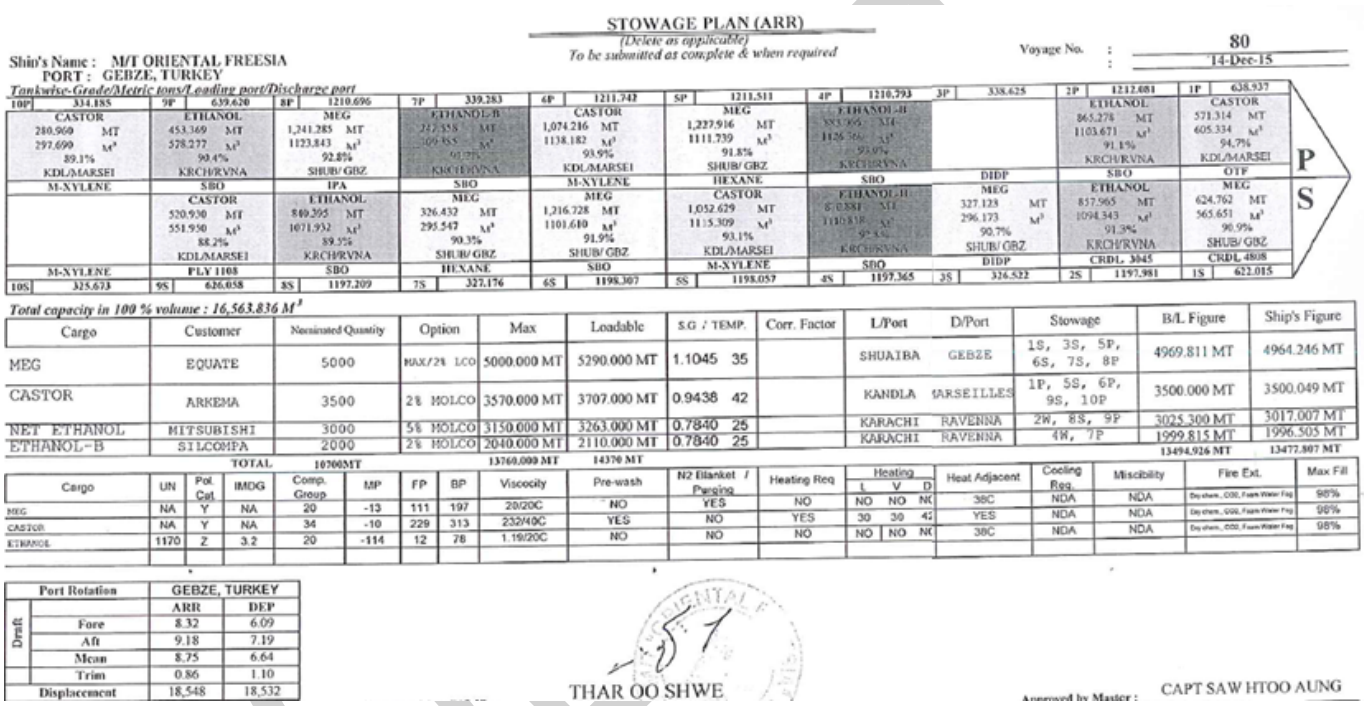
In addition, dangerous goods transported by road are stored in Bounded Warehouse 88 where is affiliate of Poliport. Bounded Warehouse 88 is not covered by the Hazardous Material Conformity Certificate. Hazardous goods packed for sea transportation are not handled in the coastal facility. Dangerous goods transported by road and stored Bounded Warehouse 88 are communicated to relevant authorities.

Coal is a dangerous load with self-burning capability. There is no temporary storage at the coastal facility. Product belonging to the customer is transported by road. It does not have an UN Number mentioned in IMSBC code, but causes oxygen depletion in cargo area, has igniton and Water-based warm-up feature. Therefore, it must be stored

away from high temperature source, moisture and separately from dangerous substances of Classes 4 and 5.1. These information and the following information must be transferred to the customer: The load of more than 55 degrees including the coal fragments is not shipped and ventilated before shipment. Ship must have Fire-resistant cargo compartments and gas measuring equipment (methane, carbon monoxide, oxygen). The MSDS for the hazard should be requested from the customer. There are no dangerous classes in the MSDSs requested for coal handled at the coastal facility.

4.5. Dangerous Goods Segregation Tables on Ship and Port

There is no stacking operations of dangerous goods at the port. However, following stowage plan and cleaning information are requested from each ship:



STOWAGE PLAN (ARR)

(Delete as applicable)

To be submitted as complete & when required

Voyage No. : 80

: 14-Dec-15

Ship's Name : M/T ORIENTAL FREESIA

PORT : GEBZE, TURKEY

Tankwise-Grade/Metric tons/Loading port/Discharge port

10P	334.185	9P	639.620	8P	1210.696	7P	339.283	6P	1211.742	5P	1211.511	4P	1210.793	3P	338.625	2P	1212.681	1P	638.937
CASTOR	280.969 MT 297.690 M³ 89.1% KDL/MARSEI	ETHANOL	453.369 MT 378.277 M³ 90.4% KRCH/RVNA	MEG	1,241.285 MT 1123.843 M³ 92.8% SHUB/ GBZ	ETHANOL-B	242.358 MT 309.855 M³ 93.9% KRCH/RVNA	CASTOR	1,074.216 MT 1138.182 M³ 93.9% KDL/MARSEI	MEG	1,227.916 MT 1111.739 M³ 91.8% SHUB/ GBZ	ETHANOL-B	353.966 MT 1126.566 M³ 93.8% KRCH/RVNA			ETHANOL	865.278 MT 1103.671 M³ 91.1% KRCH/RVNA	CASTOR	571.314 MT 605.334 M³ 94.7% KDL/MARSEI
M-XYLENE		SBO		IPA		SBO		M-XYLENE		HEXANE		SBO		DIDP		SBO		OTF	
		CASTOR	520.930 MT 551.950 M³ 88.2% KDL/MARSEI	ETHANOL	849.395 MT 1071.932 M³ 89.3% KRCH/RVNA	MEG	326.432 MT 295.547 M³ 90.3% SHUB/ GBZ	MEG	1,216.728 MT 1101.610 M³ 91.9% SHUB/ GBZ	CASTOR	1,052.629 MT 1115.309 M³ 93.1% KDL/MARSEI	ETHANOL-B	87.038 MT 110.818 M³ 92.4% KRCH/RVNA	MEG	327.123 MT 296.173 M³ 90.7% SHUB/ GBZ	ETHANOL	857.965 MT 1094.343 M³ 91.3% KRCH/RVNA	MEG	624.762 MT 565.651 M³ 90.9% SHUB/ GBZ
M-XYLENE		PLY 1108		SBO		HEXANE		SBO		M-XYLENE		SBO		DIDP		CRDL 3045		CRDL 4808	
10S	325.673	9S	626.058	8S	1197.209	7S	327.176	6S	1198.307	5S	1198.057	4S	1197.365	3S	326.522	2S	1197.981	1S	622.015

P

S

Total capacity in 100 % volume : 16,563.836 M³

Cargo	Customer	Nominated Quantity	Option	Max	Loadable	S.G / TEMP.	Corr. Factor	L/Port	D/Port	Stowage	B/L Figure	Ship's Figure
MEG	EQUATE	5000	MAX/2% LCO	5000.000 MT	5290.000 MT	1.1045 35		SHUAIBA	GEBZE	1S, 3S, 5P, 6S, 7S, 8P	4969.811 MT	4964.246 MT
CASTOR	ARKEMA	3500	2% MOLCO	3570.000 MT	3707.000 MT	0.9438 42		KANDLA	MARSEILLES	1P, 5S, 6P, 9S, 10P	3500.000 MT	3500.049 MT
NET ETHANOL	MITSUBISHI	3000	5% MOLCO	3150.000 MT	3263.000 MT	0.7840 25		KARACHI	RAVENNA	2W, 8S, 9P	3025.300 MT	3017.007 MT
ETHANOL-B	SILCOMPA	2000	2% MOLCO	2040.000 MT	2110.000 MT	0.7840 25		KARACHI	RAVENNA	4W, 7P	1999.815 MT	1996.505 MT
	TOTAL	10700MT		13760.000 MT	14370 MT						13494.926 MT	13477.807 MT

Cargo	UN	Pol. Cat.	IMDG	Comp. Group	MP	FP	BP	Viscocity	Pre-wash	N2 Blanket / Purging	Heating Req	Heating L	Heating V	Heating D	Heat Adjacent	Cooling Req.	Miscibility	Fire Ext.	Max Fill
MEG	NA	Y	NA	20	-13	111	197	20/20C	NO	YES	NO	NO	NO	NO	38C	NDA	NDA	Dry chem., CO2, Foam Water Fog	98%
CASTOR	NA	Y	NA	34	-10	229	313	232/40C	YES	NO	YES	30	30	42	YES	NDA	NDA	Dry chem., CO2, Foam Water Fog	98%
ETHANOL	1170	2	3.2	20	-114	12	78	1.19/20C	NO	NO	NO	NO	NO	NO	38C	NDA	NDA	Dry chem., CO2, Foam Water Fog	98%

Port Rotation		GEBZE, TURKEY	
		ARR	DEP
Draft	Fore	8.32	6.09
	Aft	9.18	7.19
	Mean	8.75	6.64
	Trim	0.86	1.10
Displacement		18,548	18,532

THAR OO SHWE

Approved by Master : CAPT SAW HTOO AUNG

LAST THREE CARGO AND CLEANING METHOD

MIT ORIENTAL FREESIA
PORT : Gebze,Turkey

VOY. No. 80
DATE : 14-Dec-15

1) PREVIOUS CARGO

TANK NO	GRADE	LOAD CARGO	LAST CARGO	2nd LAST CARGO	3rd LAST CARGO	COATING
1P	Y	Castor Oil	Transformer Oil	NEXBASE 3043	PYGAS	SUS-316L
1S	P	Mono Ethylene Glycol	Caradol 4800	NEXBASE 3043	Mono Ethylene Glycol	SUS-316L
2P	J	Ethannol	Soyabean Oil	Caradol 4410	NEXBASE 3043	SUS-316L
2S	H	Ethannol	Caradol SP3046	NEXBASE 3043	PYGAS	SUS-316L
3P			Di-iso decyl phthalate	CORE 160	Sunflower Oil	SUS-316L
3S	J	Mono Ethylene Glycol	Di-iso decyl phthalate	NEXBASE 3043	CORE 2500	SUS-316L
4P	J	Ethannol	Soyabean Oil	White Spirit	NEXBASE 3043	SUS-316L
4S	J	Ethannol	Soyabean Oil	Hexane	NEXBASE 3043	SUS-316L
5P	C	Mono Ethylene Glycol	Hexane	NEXBASE 3060	PYGAS	SUS-316L
5S	C	Castor Oil	Mixed xylene	NEXBASE 3060	PYGAS	SUS-316L
6P	C	Castor Oil	Mixed xylene	NEXBASE 3043	PYGAS	SUS-316L
6S	J	Mono Ethylene Glycol	Soyabean Oil	Xylene	NEXBASE 3043	SUS-316L
7P	J	Ethannol	Soyabean Oil	Toluene	NEXBASE 3043	SUS-316L
7S	C	Mono Ethylene Glycol	Hexane	NEXBASE 3060	CORE 150	SUS-316L
8P	O	Mono Ethylene Glycol	Iso-propyl alcohol	NEXBASE 3043	PYGAS	SUS-316L
8S	J	Ethannol	Soyabean Oil	White Spirit	NEXBASE 3043	SUS-316L
9P	J	Ethannol	Soyabean Oil	Hexane	NEXBASE 3043	SUS-316L
9S	P	Castor Oil	Polyol 1108	NEXBASE 3043	PYGAS	SUS-316L
10P	C	Castor Oil	Mixed xylene	NEXBASE 3043	PYGAS	SUS-316L
10S			Mixed xylene	PYGAS	Acetone	SUS-316L

2) CLEANING METHOD

C
1) Butterworthing with cold sea water 2 Cyl
2) Butterworthing with warm Fresh water (50C) 2 Cyl
3) Draining of tank, line and pump
Ventilation until odor free and drying/mopping

D
1) Butterworthing with cold sea water 2 Cyl
2) Flushing with fresh water
3) Draining of tank, line and pump
Ventilation until odor free and drying/mopping

J

H
1) Butterworthing with cold sea water 4 Cyl
2) Butterworthing with hot sea water (80C) 2 Cyl
3) Flushing with fresh water
4) Draining of tank, line and pump
Ventilation until odor free and drying/mopping

P
1) Butterworthing with warm warm (50C)sea water 2 Cyl
2) Flushing with fresh water
3) Draining of tank, line and pump
4) Ventilation until odor free and drying/mopping

Y

Thar Oo Shwe
CHIEF OFFICER

Loading operations are decided in accordance with this information. Ships are controlled by relevant surveillance company before berthing and conformity certificate is requested (Tank Cleaning Certificate). The ship that does not have cleaning certificate is not allowed to be landed.

4.6. Dangerous Goods Segregation Distance and Terms In case of Warehouse Storage

Poliport Liquid Cargo Terminal does not have warehouse storage. However, the distance between the tank is designed in accordance with relevant standards and planning of dangerous goods in the tank are made according to hazardous

properties. In the same way products dangerous goods in bounded warehouse are stored in accordance with the storage matrix.

Bulk coal in the dry cargo terminal is shipped directly with the vehicles.

4.7. Dangerous Goods Documents

Necessary documents for dangerous goods handled in Liquid Cargo Terminal are listed in FPT.002-01.00 Ship File. For Dry Cargo Terminal, T required documents are stated in the FPL.001-08.00 Ship File. Refer to TA.001 Bounded Warehouse Input / Output Instruction for Bounded Warehouse.

5. DANGEROUS GOODS HANDBOOK

Available handbok includes the information on hazardous substances, first aid, points to be considered at port under the Life Saving Rules title. Refer to DT.011 Product Handling Manual.

6. OPERATIONAL ASPECTS

6.1. Procedures on Day and Night Safely Berthing, Loading/Discharge, Mooring of Ships Carrying Dangerous Goods

Operations are carried out according to PL.001 Port Services Procedure, TL.001 Port Operation Instructions, FPT.002-01.00 Ship File, FPT.002-08.00 Ship and Shore Safety Checklist, FPT.002-16.00 Barge-Shore Safety Checklist that are linked to PT.002 Terminal Operation Planning and Implementation Processes Procedure. Ships are not allowed to berth at night. In addition, Refer to DT.002 Port Information Manual for Tankers.

6.2. Procedures Regarding Additional Measures According to Climatic Conditions During Loading, Discharging and Limbo Operations

Operations are carried out according to PL.001 Port Services Procedure, TL.001 Port Operation Instructions, FPT.002-01.00 Ship File, FPT.002-08.00 Ship and Shore Safety Checklist, FPT.002-16.00 Barge-Shore Safety Checklist that are linked to PT.002 Terminal Operation Planning and Implementation Processes Procedure.

6.3. Procedures on Keeping away Combustible, Flammable and Explosive Materials from Operations creating sparks and Procedures on Spark Creator Equipments Usage at Dangerous Goods Handling and Storage Area

Refer to PH.PPOÇ.EK POLİSAN HOLDİNG OPERATION MANUAL FOR FLAMMABLE - EXPLOSIVE ENVIRONMENTS and PH.043 EKED PROCEDURE, TH.026 HOT WORK INSTRUCTION, TH.045 WORK PERMIT INSTRUCTION. No hot work is done during hazardous material handling.

6.4. Procedures on Fumigation, Gas Measurement and Gas Decontamination Operations

Refer to TH.025 TANK CLEANING INSTRUCTION, TH.024 INSTRUCTION FOR ENTRANCE TO THE CLOSE SPACES and FTH.024-01.00 PERMIT FORM FOR ENTRANCE TO THE CLOSE SPACES for other operational controls. In addition, as mentioned Section 4.5, stowage plan and cleaning certificate is requested from ship and added to the ship file.

Ships are controlled by relevant surveillance company before berthing and conformity certificate is requested (Tank Cleaning Certificate). The ship that does not have cleaning certificate is not allowed to be landed.

7. DOCUMENTATION, CONTROL AND RECORD

7.1. Procedures on All Mandatory Documents Related with Dangerous Goods and Supplying, Controlling of These Documents by Competent Person

Controls are carried out according to PL.001 Port Services Procedure, TL.001 Port Operation Instructions, PT.002 Terminal Operation Planning and Implementation Processes Procedure. On the other hand, Necessary documents and information for dangerous goods transported from Liquid Cargo Terminal Poliport and Boundary Warehouse 88 by road are listed in control forms mentined in Section 10.3.

7.2. Procedures on Keeping Dangeorus Goods List and Related Other Information Regularly

For each product to be stored, documents related with this product are requested from product owner. One of these documents is Material Safety Data Sheet of Product. After MSDS examined, classification information is added to the SAP table about transportation, ZPOL_MM_UN_SINIF. Control of MSDS is carried out at 3 years intervals and up to date product MSDS is required from the owner. This list is kept up to date.

7.3. Procedures on Control Operations Regarding Identification Incoming Dangerous Goods Properly, Usage Correct Proper Shipping Name, Certification, Packaging, Labeling and Declaration, Safe Loading to Approved Packages or other Transportation Units, Safe Transportation and Reporting Procedures of These Control Operations

For each product to be stored, documents related with this product are requested from product owner and samples are taken under the supervision by inspection officers. One of these documents is Material Safety Data Sheet of Product. After MSDS examined, classification information is added to the SAP table about transportation, ZPOL_MM_UN_SINIF. All operations related with transport is carried out in

accordance with this information. These products transported as bulk are sent to the customer of product owners by road. This process is mentioned in PH.063 CHEMICAL MANAGEMENT PROCEDURE and TH.014 GENERAL SAFETY INSTRUCTIONS FOR ROAD TANKERS AND TRUCKS.

7.4. Procedures on Supplying Safety Data Sheets (SDS)

Documents related with products to be stored are requested from product owner. According to PT.011 CONTRACT PROCEDURE, If product is stored for the first time in Poliport Liquid Cargo Terminal; product safety data sheets, product quality report indicating the physical and chemical characteristics, the product storage standards are requested from product owner and these information is shared with ralted departments. In addition to the existing storage conditions Necessary infrastructure works are determined. Product owner is informed about these works.

Preparation Before Handling Dangerous Goods

(1) Planning and preparation related to the handling and temporary storage of the dangerous good that are coming to our coastal facility are made by taking into consideration the information that is stated in the preliminary notification and the safety data sheet and the related personnel are informed.

(2) The responsible department in our coastal facility asks for the safety data sheet of the dangerous goods, it takes the measures to be taken for first aid and emergency preparedness and the safety data sheet for handling and temporary storage applications into the account. The safety data sheet is prepared by safety data sheet makers and the safety data sheets that do not meet these requirements are not accepted by our coastal facility.

7.5. Procedures on Keeping Records and Statistics of Dangerous Goods

Necessary records regarding dangerous goods handling in Liquid Cargo Terminal are kept with the documents required in FPT.002-01.00 Ship File. Refer to TA.001 Bounded Warehouse Input / Output Instruction for Bounded Warehouse. Although dangerous goods are not handled in Dry Cargo Terminal, necessary records are kept in FPL.001-08.00 Ship File.

In addition, all other records related with annual handling information and products are monitored by the module on the SAP system.

Dangerous Cargo Notification

Before the dangerous goods arrive at the coastal facility, our coastal facility is informed by cargo respective party about the dangerous goods that come to the coastal facility by road or rail. The notices should include the following information and documents:

The Notices for loads under the IMSBC Code cover the following information:

1) Operation type,

2) Port of freight,

3) Shore facility to be loaded or evacuated,

4) Existence of the safety data sheet,

5) UN number if available,

6) Load group,

7) Bulk cargo shipment name,

8) Warehouse number on board,

9) Stack factor,

10) Quantity,

11) Final Buyer Company,

12) Final buyer firm tax number.

In the scope of IBC Code and MARPOL 73/78 Annex-I Notices of the products include the following information:

1) Operation type,

2) Port of freight,

3) Shore facility to be loaded or evacuated,

4) Existence of the safety data sheet,

5) Load name,

6) Tank number on ship,

7) Flash point if available,

8) Quantity,

9) Final Buyer Company,

10) Final buyer firm tax number.

Notification Storage

(1) The notifications that are made to our coastal facilities shall be kept in physical or electronic environment for 3 years and shall be made available for the inspections of the General Directorate of Dangerous Goods and Combined Transport or the related port authority.

8. EMERGENCY SITUATIONS, EMERGENCY PREPAREDNESS AND RESPONSE

8.1. Procedures on Intervention to Dangerous Goods Posing Health and/or Environmental Risk and Intervention to Hazardous Situations Caused by Dangerous Goods

Refer to PH.034 Accident Management Procedure, PH.035 Environmental Activities Management Procedure and PP.ADPEK.01 Emergency Plan. In addition, We also work with MARE Sea Cleaning company in case of spills.

8.2. Information about Emergency Response Capability and Capacity of Port

There are approximately 2 Doctor, 4 Health Personnel, 77 First Aid Personnel in Polisan Holding Dilovası location.

Emergency Response Team (ADME) is a team of volunteers, as determined by the Facility manager, OHS Departmant Manager and Site Doctor. Emergency Response Team responds all fire and other emergency situations in Polisan Site area by selecting appropriate method. ADME personnel work together with OHS staff as team in all emergency and recovery operations. This team participates in weekly, yearly refreshing training.

ADME team members have professional equipments to respond fire and spill and these equipments are kept at ADME room in the site area. ADME personnel checks his personal protective equipments that registered in his name once a week and signs ADME Personal Protective Equipment Control Form. These equipments are:

ADME EQUIPMENTS
Radiotelephone
Megaphone
Fire Hose
Lances and nozzles
Backup foam concentrate
Extended safety belt
Air tube breathing apparatus
Chemical resistant gloves
Nomex firemen clothing
Heat-resistant boots
Tychem chemical clothing
Spill response kit
Gas detector (drager pomp)
Dregaer Tubes(for different chemicals)
Ex lighting apparatus

There is more information about First Aid and ADME teams in Emergency Plan.

8.3. Organization Regarding First Respond to Accidents Involving Dangerous Goods

Operations are carried out in accordance with the PH.034 Accident Management Procedure. **There are 1 medical personnel including 1 doctor and 24 first aid personnel.** First aid personnel and medical personnel patch injured person up. If necessary, person is transferred to the nearest health center by ambulance. Duties of First Aid Personnel are to support persons who are injured, sick and shock, to patch them up, to transfer them to the nearest heath center. They are also responsible for making correct application until ambulance and medical personnel come to the accident area.

Following first aid applications are done in case of dangerous goods/chemicals accidents:

- The patient must be removed to the open air, oxygen is supplied. If necessary, oxygen tube is provided.

- The product name and exposure type is determined.

a) If there is destruction on eye and body, they are washed with water.

b) For preventing shock, the patient is kept warm, covered with a blanket if necessary.

c) The patient must be sent to the infirmary, if necessary he is transferred without delay to the hospital. Material Safety Data Sheet (MSDS) are analyzed and these information is explained to the doctor.

- In accordance with all regulatory requirements Ministry of Labour is informed.

- In case of death, environment, equipment, materials or any other thing are not touched. Accident area is surrounded with safety bands in order to prevent interference and site responsibles are immediately notified.

- Relevant official bodies are notified about accident.

8.4. Necessary Inside and Outside Notifications In case of Emergency Situations

In case of emergency, sirens and announcements, 7777 emergency line are used and Medical Centre, ADME Team, First Aid Team, Site responsibles, Security Supervisors, Occupational Health and Safety, Environment Managers are notified. DT.002 Port Information Manual and PP.ADPEK.01 Emergency Plan Information include Terminal

Emergency Contact Information. Operations are carried out in accordance with the PP.ADPEK.01 Emergency Plan and PH.034 Accident Management Procedure.

If you are unable to control fire, the fire department is notified.

In accordance with all regulatory requirements Ministry of Labour is informed.

Relevant official bodies (poliçe soldier, poliçe, fire department) are notified about suspected issues and traffic accidents immediately.

Kimyasal döküntü durumunda yangın tehlikesine karşı komşu tesisleri ve gemi trafiği nedeniyle Liman Başkanlığı ve MARE deniz temizlik firması, İl Çevre Müdürlüğü bilgilendirilir. In case of chemical spills, due to danger of fire neighboring facilities and due to shipping Port Authority and cleaning company MARE, provincial department of environment are informed.

8.5. Reporting Procedures of Accidents

Operations are carried out in accordance with the PH.034 Accident Management Procedure.

8.6. Coordination, Support and Cooperation Method with the Authorities

See Section 8.4.

8.7. Emergency Evacuation Plan for the Evacuation of Ships and Vessels

Refer to Ship Evacuation Scenario in case of Ship Fire, Ship Evacuation Scenario in case of Jetty Fire, Chemical Spills into the sea Scenario, Oil / Petroleum Spills into the sea Scenario in PP.ADPEK.01 Emergency Plan.

8.8. Procedures for the Handling and Disposal of Damaged Dangerous Goods and Wastes contaminated by Dangerous Goods

Dangerous waste operations are carried out according to PH.035 Environmental Operations Management Procedure and Waste Disposal Plan, TH.013 Waste Area Operating Instructions.

8.9. Emergency Practice and Their Records

If necessary, Emergency Response Team is trained by external organizations about fire prevention, firefighting, rescue and first aid operations and cooperation and organization with firefighters. Also with exercises, knowledge and skills are increased. In addition, all workers are trained how to use the fire fighting equipment and how to reach the fire department. Personel arasında iş bölümü ve müdahale hazırlıkları, malzeme kullanımı, haberleşmenin sağlanması için düzenli olarak tatbikatlar yapılır.

Exercises are done regularly for work sharing, response preparation, use of materials and communication.

Facility manager is responsible for organization of exercises.

Following criteria in relation to the exercise is determined at exercise meeting.

a. Exercise/Practice Area

b. Exercise/Practice Date/Time

c. Changes on Scenario

d. Informedly or Uninformedly

e. Persons who will informed

f. The duties of team

g. Observers and their places

Prepared exercise scenario should be close to real life as possible. These exercises cover emergency response team of the company, managers, employees and public or private organization team. General details of the exercise is located in the PP.ADPEK.01 Emergency Plan. In additon, 2 times a year, sea spill exercise is performed. Exercises are planned annually.

8.10. Information on Fire Protection Systems

Fire protection systems is discussed in TH.044 Instruction about Controls of Fire Prevention and Fighting Equipments.

8.11. Procedures for Approval, Control, Test, Maintenance and Availability of Fire Protection System

Related controls are carried out according to TH.044 Instruction about Controls of Fire Prevention and Fighting Equipments and checklists of this instruction, and TH.048 Fire Hose Testing and Maintenance Instruction.

8.12. Necessary Measures in case of Malfunction of Fire Protection System

According to TH.044 Instruction about Controls of Fire Prevention and Fighting Equipments and checklists of this instruction, OUT OF USE CARD is inserted to the inappropriate equipments. OHS Department, Project and Maintenance Department are informed and Removal of faults is provided as soon as possible.

8.13. Other Risk Control Equipments

Risk control equipments and their controls are discussed in PH.036 Legal Periodic Controls (Equipment_Machine) Procedure and TH.044 Instruction about Controls of Fire Prevention and Fighting Equipments.

9. OCCUPATİONAL HEALTH AND SAFETY

9.1. Occupational Health and Safety Measures

Occupational Health and Safety Measures is discussed following procedures and instructions:

PH.034	ACCIDENT MANAGEMENT PROCEDURE
PH.036	LEGAL PERIODIC CONTROLS (EQUIPMENT_MACHINE) PROCEDURE
PH.039	RISK ASSESSMENT AND ENVIRONMENTAL IMPACT ASSESSMENT PROCEDURE
PH.040	PROCEDURE FOR MAKING BLUE COLLAR WORKERS ROUNDS AND TRANSFER TO HOSPITAL
PH.042	SITE AREA RESPONSIBILITIES PROCEDURE
PH.043	EKED PROCEDURE
PH.044	ENVIRONMENTAL AND SAFETY, ORGANIZATION, CLEANING PROCEDURE
TH.010	INSTRUCTION FOR PERSONAL PROTECTIVE EQUIPMENT IN OPEN AREA
TH.011	TRAFFIC SAFETY
TH.012	INSTRUCTION FOR SMOKING IN SITE AREA
TH.014	GENERAL SAFETY INSTRUCTIONS FOR TRUCK AND ROAD TANKERS
TH.015	INSTRUCTION FOR SAFE FORKLIFT USAGE
TH.016	INSTRUCTION FOR SAFE MOBILE CRANE USAGE
TH.017	INSTRUCTION FOR WORKING AT HEIGHT
TH.020	SAFETY AND BASIC COLOURS APPLICATION
TH.021	FIRE-FIGHTING EQUIPMENT USAGE
TH.022	EMPLOYMENT EXAMINATION
TH.023	HYGIENE INSTRUCTION IN THE WORKPLACE
TH.024	INSTRUCTION FOR ENTRANCE TO CLOSE AREAS

TH.025	EXCAVATION INSTRUCTION
TH.026	HOT WORK INSTRUCTION
TH.027	DISINFECTION CHEMICAL USAGE INSTRUCTION
TH.028	FIRST AID CABINET CONTROL INSTRUCTION
TH.029	AMBULANCE MAINTENANCE INSTRUCTION
TH.030	PERSONEL PROTECTION EQUIPMENT USAGE INSTRUCTION
TH.032	FIRE PREVENTION AND FIGHTING INSTRUCTION
TH.033	POLİPORT LIQUID CARGO TERMINAL AUTOMATIC FIRE FIGHTING SYSTEM RESPONSE WITH WATER AND FOAM
TH.034	POLİPORT BLADER FILLING FOAM TO THE TANK
TH.035	POLİSAN HOLDİNG TANK ÇİFTLİKLERİ OTOMATİK KÖPÜKLÜ SİSTEM DELUGE (BASKIN) VANA KURULUM TALİMATI
TH.036	POLİSAN HOLDİNG TANK FARMS AUTOMATIC FOAM FIRE FIGHTING SYSTEM AND DELUGE VALVES CONTROL AND TEST INSTRUCTION
TH.037	POLİSAN HOLDİNG TANKS LATERAL AREA COOLING SYSTEM THAT HAS LIQUID SPRAY WITH NOZZLE USAGE INSTRUCTION
TH.040	FOAM CELLS OPERATING INSTRUCTION FOR POLİPORT TANK FARM 5, TANKS 78-79-80
TH.041	FOAM CELLS OPERATING INSTRUCTION FOR POLİPORT TANK FARM 5, TANKS 81-82-83-84
TH.042	FOAM CELLS OPERATING INSTRUCTION FOR POLİPORT TANK FARM 5, TANKS 85-86
TH.043	TANK POOL FOAM FIRE FIGHTING SYSTEM OPERATING INSTRUCTION FOR POLİPORT TANK FARM 5
TH.044	CONTROL INSTRUCTIONS FOR FIRE PREVENTION AND FIGHTING EQUIPMENTS
TH.045	WORK PERMIT INSTRUCTION
TH.046	FIRE DETECTION SYSTEM OPERATING INSTRUCTION
TH.047	AUTOMATIC FOAM SPRINKLER SYSTEM INSTRUCTION
TH.048	FIRE HOSE HYDROSTATIC TEST AND MAINTENANCE INSTRUCTION
TH.049	DIESEL FIRE PUMP OPERATING INSTRUCTION
TH.212	FOAM FIRE FIGHTING SYSTEM OPERATING INSTRUCTION FOR POLİSAN HOLDİNG TANKS
TH.213	FIRST AID INSTRUCTION FOR PHYSICAL AND CHEMICAL BURNS

9.2. Information about Personal Protection Equipments and Procedures for Usage of These Equipments

Personal Protection Equipment Usage is discussed in TH.030 Personel Protection Usage Instruction and TH.010 Instruction for Personel Protection Usage at Open Area.

10. OTHER ASPECTS

10.1. Dangerous Goods Compliance Certificate Validation

Poliport has **31.07.2020** Coastal Plant Temporary Operating Permit . Responsibles will apply for Dangerous Goods Conformity Certificate during the renewal process of Operating Permit. There is a Dangerous Goods Conformity Certificate depending on this document.

10.2. Responsibilities of Dangerous Goods Safety Advisor

Dangerous Goods Safety Advisor training, examination, authorization, duties, and responsibilities related matters are determined by the Ministry. In this regard, ADR Dangerous Goods Safety Advisor job description is as follows:

- To ensure monitoring compliance with the obligation for carriage of dangerous goods.
- To provide advice to facilities on transport of dangerous goods.
- Preparation of annual reports, keeping 5 years and submission to the related departments if requested.
- To control procedures for the detection of dangerous goods.
- To control special requirements for transport vehicles related to dangerous goods.
- To provide control methods for equipments related to transportation, loading, unloading of dangerous goods.
- To provide proper training and information to the employees, and to keep record of training.
- To implement appropriate emergency procedures in case of accident during carriage of dangerous goods, loading and unloading.
- To carry out research on accident occurred during transportation, loading or unloading of dangerous goods, and to prepare report about accident. To take necessary measures against recurrence.
- To take into account legal rules regarding selection of suppliers or sub-contractors transporting dangerous goods.
- To prepare and implement security plans according to dangerous goods properties.
- To follow the regulations on the management of chemicals.
- To carry out operations in accordance with the relevant regulations on the management of chemicals and to guide about this issue.

- To monitor developments related to the management systems of the company and to ensure compliance.

10.3. Aspects for Transporter/Carrier of Incoming/Forwarded Dangerous Goods by Road

Handled products Poliport Liquid Cargo Terminal are products that are shipped to the Poliport by sea in bulk and in the form of isocontainer and stored in tanks. After storage process these products are transported with road tankers to the customer that is determined by product owner. Therefore, dangerous goods are transported in package. These dangerous goods are subject to (ADR) Regulation during the carriage of dangerous goods by road tanker.

Road tankers are tankers to be directed by product owner to our site. Thus, before tankers or trucks enter to the site, controls are carried out according to section 5.2 of ADR and other technical criteria. These checks are done daily and monthly according to TH.014 checklists. Sample checklists including labeling and other technical criteria are as follows:

Poliport

TANKERLER İÇİN GENEL EMNİYET KONTROL FORMU

NAKLİYECİ FİRMA :		TARİH : / /	
ARAÇ PLAKASI :			
SÜRÜCÜ ADI SOYADI :			
TANKER EMNİYET KONTROL KART NO :			
SÜRÜCÜ KİŞİSEL KORUYUCU EKİPMANLARI		EVET	HAYIR
A) Baret var mı ?	D) Google tip tam sızdırmaz koruyucu gözlük var mı ?		
B) İş eldiveni var mı ?	E) Yarım yüz gaz maskesi var mı ?		
C) İş elbisesi var mı ?	F) Antistatik iş emniyet ayakkabısı var mı ?		
1-Sürücünün geçerli ve uygun tehlike sınıfında bir ADR sertifikası,ehliyeti ve fotoğraflı kimliği var mı?			
2-Sürücü fiziksel ve zihinsel olarak iyi durumda mı? Uykusuz ve alkollü olmamalıdır			
3-Sürücü sigortalı mı? Sigorta bildirimi var mı?			
TANKER GENEL EMNİYET TEDBİRLERİ			
4-Tanker üst kapakları sızdırmaz durumda mı? conta vb. sızdırmazlık elemanları sağlam mı?			
5- Egzost borusunun kasadan izolasyonu ve dışarı verilme şekli uygun mu? ALEV GİZLEYİCİ var mı?			
6- Topraklama lamasının malzemesi ve tanka bağlantısı uygun mu? KAYNAK BAĞLANTILI OLMALI			
7- Elektrik donanımı uygun mu ? Kısa devre,kontak yapmayacak,kıvılcım oluşturmayacak şekilde olmalıdır.			
8-Farlar,sinyal lambaları ve aynaları sağlammı ,çalışıyor mu ?			
9-Akü ve akü muhafaza kabini uygun durumda mı?			
10- Akü şalteri çalışır durumda mı? Kapalı durumda iken devre dışı düzeni ikaz lambaları devreden çıkıyor mu?			
11-Yakıt tankı akü yakıt tankından ayrı, sızdırmaz ve yeterince korumalı mı?			
12- Yangın söndürücüleri mevcut mu? Mühürlü ve kullanma tarihleri güncel mi?			
13- Lastikler sağlam mı, mevsime göre kış lastiği gerekiyor mu? ; Stepne,Takoz, üçgen reflektör ve EXPROOF el fe			

14- Araç arkasına monte edilmiş şekilde DOLU-BOŞ uyarı levhası var mı?		
15- Araç ve tank üzerinde taşınacak kimyasal maddeye ait TEHLİKE İŞARETİ ve UN numarası var mı?		
16-Geçerli Karayolları Motorlu Araçlar Zorunlu Mali Sorumluluk Sigortası (Trafik Sigortası) var mı? Aracın model yılı nedir?		
17-İlgili bakanlık tarafından lisanslandırılmış temizleme tesisinden alınmış TANKER TEMİZLİK BELGESİ var mı ?		
18- Araç üzerinde taşıyıcı firma etiket bilgileri ve tel. no yazılı mı?		
19- Tahliye vanalarında KÖR TAPA var mı?		
20- Boşaltım vanası minimum 2 adet, seri bağlanmış, birbirinden bağımsız kapama cihazı ile donatılmış mı? Tank üzerinde bulunan vana mümkün olduğunda tank gövdesine yakın ve korunaklı mı?		
21- Manifolt toplama haznesi ürün sızdırmazlığı sağlanmış mı?		
22- Tank üzerinde TEHLİKELİ MADDE / KİMYEVİ MADDE yazıları ve KIRMIZI BEZ BAYRAK var mı?		
23- Tankın GÜNCEL HİDROSTATİK BASINÇ TEST SERTİFİKASI var mı?		
24- Tankın Akredite kuruluştan muayene sertifikası var mı? Bu sertifikada toplam kapasite ve göz olması durumunda göz göz kapasiteler yer almalıdır.		
25- Tank üzerinde dara (Kg), toplam kapasite (m^3) ve göz bölme kapasiteleri yazılı mı? Bu bilgiler araç üzerindekiler ile uyuşuyor mu?		
26- Tank üzerinde üst havuz gider hotumları varmı ? Hortum ucunda emniyet vanası mevcut mu?		
27- Tank ve kasa herhangi bir ezilmeye maruz kalmamış,sağlam,kontrüksüyon güvenilir durumda mı?		
28- Tank şasi bağlantısı uygun mu?		
29- Aracın ruhsatında süresi geçmemiş fenni muayene ve egzost emisyon test vizesi var mı?		
30- Aracın Taşıt Durum Tespit Belgesi ya da Taşıt/ADR Uygunluk Belgesi sertifikası var mı? ADR Uygunluk Belgesi için geçiş tarihi ekteki gibidir. ADR Uygunluk Belgesi geçiş süresine göre olmayan araçlarda Taşıt Durum Tespit Belgesi olması zorunludur.		
31- Sürücü mahallinde taşınan maddeye ait ürün bilgi formu var mı ?		
32- Kabinde olması gereken ekipmanlar mevcut mu? (Emniyet kemeri, takograf, ilk yardım çantası)		

33- Tehlikeli madde taşıyan tedarikçiye ait belgelerin varlığı kontrol edildi mi, sorgulandı mı? (Tehlikeli madde faaliyet belgesi/Yetki belgesi, Tehlikeli Maddeler ve Tehlikeli Atık Zorunlu Mali Sorumluluk Sigortası Poliçesi)		
EK: ADR UYGUNLUK BELGESİ KONTROLÜ		

TAŞIT MODEL YILI	ADR/TAŞIT UYGUNLUK BELGESİ İÇİN SON TARİH
2014 ve öncesi model yılına sahip olanlar	1.07.2020

AÇIKLAMALAR :

Fabrika sahası ve yükleme / boşaltma alanlarında yetkililerin vereceği talimatlar dahilinde hareket edeceğimi,bana verilen bilgi kartlarındaki genel emniyet kurallarına uyacağımı kabul ve taahhüt ederim.

ARAÇ SÜRÜCÜSÜ

Poliport

GUNLUK TANKER VE SÜRÜCÜ EMNİYET KONTROL FORMU

NAKLİYECİ FİRMA :	**TARİH: / /**
ARAÇ PLAKASI :	
SÜRÜCÜ ADI SOYADI :	

KONTROL EDİLEN EMNİYET TEDBİRLERİ	EVET	HAYIR
1- Topraklama lamasının malzemesi uygun mu?Tanka kaynak bağlantısı var mı?		
2- Akü şalteri çalışır durumda mı?		
3- Araçta alev gizleyici aparatı var mı ?		
4- Tahliye vanalarında kör tapa var mı ? Vanaların çalışır durumda ve kapalı olduğunun kontrolü yapıldı mı?		
5- Boşaltım vanası minimum 2 adet, seri bağlanmış, birbirinden bağımsız kapama cihazı ile donatılmış mı? Tank üzerinde bulunan vana mümkün olduğunda tank gövdesine yakın ve korunaklı mı?		
6- Menhol kapakları kapalı mı?		
7- Melas kapağı olan bir tanker ise melas kapağı körlenmiş mi? (Poliport bu maddenin dışındadır; Poliport tesisine Melas kapağı bulunan araçlar dolum için giremez.)		
8- Taşınacak TEHLİKELİ kimyasal maddeye ait tehlike işareti ve UN numarası (turuncu plaka) var mı ?		
9- İlgili bakanlık tarafından lisanslandırılmış temizleme tesisinden alınmış tanker temizlik belgesi var mı ?		
10- İki adet dikilebilir uyarı işareti ve takoz var mı?		
11- Kum veya başka emici materyal var mı?		
12- Kanalizasyon-drenaj örtüsü var mı?(ADR ye tabi, tehlikeli Sınıf 3, 4.1, 4.3, 8 veya 9'a sahip katılar ve sıvılar için gereklidir.)		
13- Kürek var mı? (ADR ye tabi tehlikeli, Sınıf 3, 4.1, 4.3, 8 veya 9'a sahip katılar ve sıvılar için gereklidir.)		
14- Toplama kabı var mı? (ADR ye tabi, tehlikeli Sınıf 3, 4.1, 4.3, 8 veya 9'a sahip katılar ve sıvılar için gereklidir.)		
15- Trafik uyarı yeleği var mı?		
16- Exproof el feneri var mı?		
17- Sürücünün geçerli ve uygun tehlike sınıfında bir ADR Sertifikası,ehliyeti ve fotoğraflı kimliği var mı? Fiziksel olarak iyi durumda mı?		
18- Sürücüye ait İşyeri Hekiminden Onaylı Yüksekte Çalışabilir Belgesi, Çok Tehlikeli İşlerde Çalışabilir Belgesi var mı?		
19- TDI ve MDI ürünleri taşıması durumunda Sürücüye ait ISOPA Ehliyeti var mı?		
20- Baret var mı ?		
21- Goggle tip tam sızdırmaz koruyucu gözlük var mı ?		
22- İş elbisesi var mı ? (Pamuklu tip kumaştan imal iş elbisesi ve üzerinde firma adı yazısı)		
23- İş eldiveni var mı ?		
24- Yarım yüz gaz maskesi var mı ?		
25- Antistatik tabanlı iş emniyet ayakkabısı var mı ?		
26- Emniyet kemeri var mı?		
27- Göz yıkama solüsyonu var mı? (ADR ye tabi, tehlikeli Sınıf 1, 1.4, 1.5, 1.6, 2.1, 2.2 ve 2.3 için gerekli değildir.)		
28- Yangın söndürücüleri mevcut mu? Mühürlü ve kullanma tarihleri güncel mi?		
29- Aracın Taşıt Durum Tespit Belgesi ya da Taşıt/ADR Uygunluk Belgesi sertifikası var mı? ADR Uygunluk Belgesi için geçiş tarihi		

30- Sürücü mahallinde ADR'ye Göre yazılı talimat var mı?			
31- Tankın Akredite kuruluştan muayene sertifikası var mı? Bu sertifikada toplam kapasite ve göz olması durumunda göz göz kapasiteler yer almalıdır.			
32- Tankın Akredite kuruluştan muayene sertifikasında yer alan kapasiteler araç üzerinde yazıyor ve bu bilgiler araç üzerindekiler ile uyuşuyor mu?			
EK: ADR UYGUNLUK BELGESİ KONTROLÜ			
TAŞIT MODEL YILI	**ADR/TAŞIT UYGUNLUK BELGESİ İÇİN SON TARİH**		
2014 ve öncesi model yılına sahip olanlar	**1.07.2020**		
33- ADR' ye göre yazılı talimatı İSG Tanker / Güvenlik Kontrol Biriminden teslim aldım.	ARAÇ SÜRÜCÜ ADI SOYADI ve İMZA		
Fabrika sahası ve yükleme / boşaltma alanlarında yetkililerin vereceği talimatlar dahilinde hareket edeceğimi,bana verilen bilgi kartlarındaki genel emniyet kurallarına uyacağımı kabul ve taahhüt ederim. ARAÇ SÜRÜCÜ ADI SOYADI ve İMZASI			
İSG TANKER KONTROL / GÜVENLİK KONTROL			

10.4. Aspects for Transporter/Carrier of Incoming/Shipped Dangerous Goods by Sea

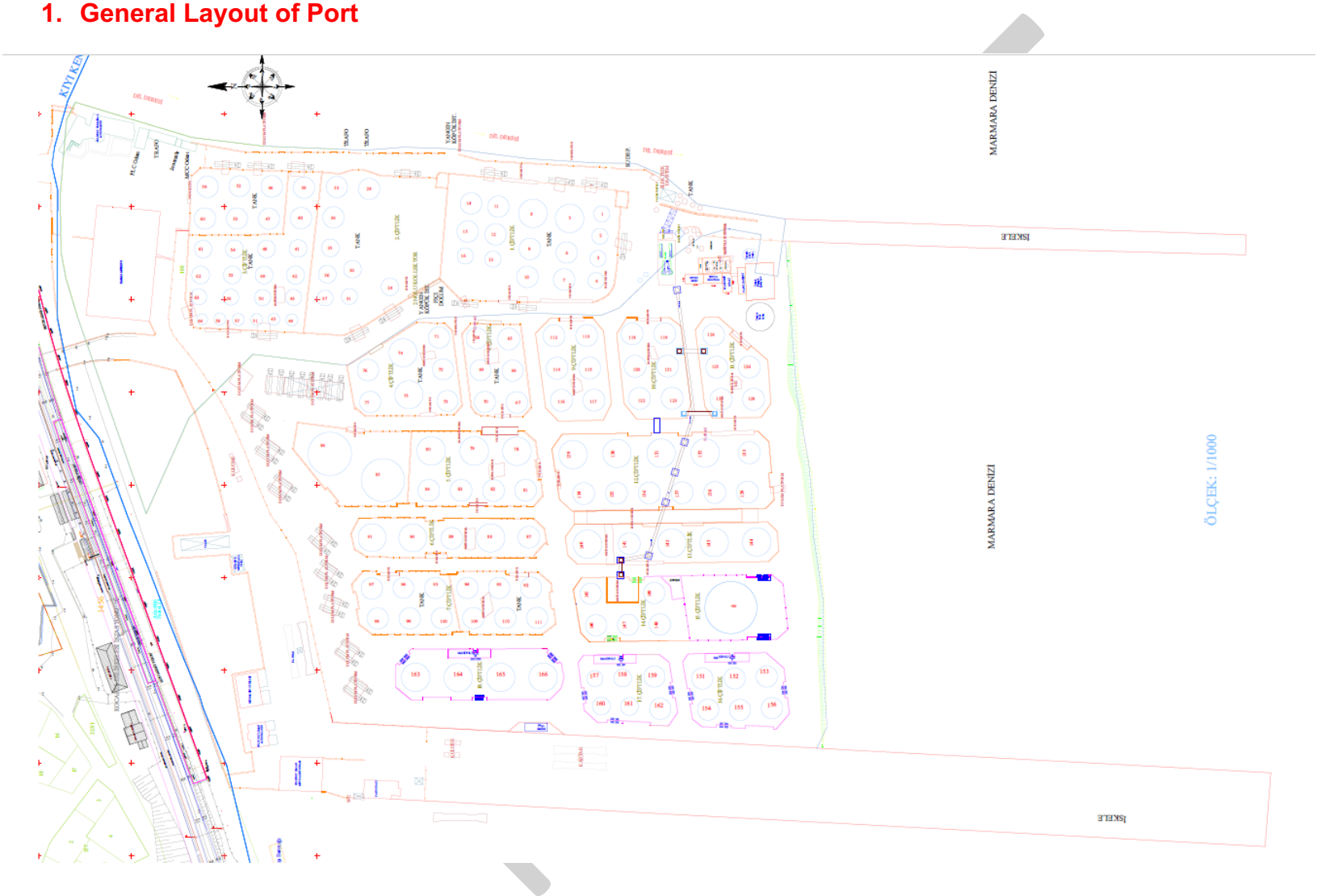
These issues are defined in the Port Regulations. Operations are carried out in accordance with it.

10.5. Additional Aspects

There are no additional aspects.

APPENDIX

1. General Layout of Port



2. General Overview Photos of Port

Figure 1.1 External View of Facility 1

Figure 1.2 External View of Facility 2

Figure 1.3 Bounded Warehouse Area

Figure 1.4 Dry Cargo Area

3. Emergency Contact Points and Contact Information

EMERGENCY CONTACT LIST OF POLİPORT

TERMINAL	PHONE NUMBER
FIRE CALL	444
FIRST AID (DOCTOR/INFIRMARY)	555-162
TERMINAL MANAGER	207
WAREHOUSE AND CUSTOMER SERVICE MANAGER	233
OPR. and PLANNING MANAGER	269
OHS MANAGER	345
QUALITY ENVIRONMENTAL MANAGER	181
PROJECT AND MAINTENANCE MANAGER	308
OPR. MANAGER AND OFFICERS	273-381-380-335-384-385
SHIPPING MANAGER	222
POLİPORT SECURITY OFFICERS	147
POLİPORT ELECTRICAL TECHNICIANS	387
POLİSAN GATE / SECURITY	198 -199
PORT SECURITY MANAGER	347
POLİPORT DRY CARGO PORT MANAGER	161

ENVIRONMENTAL EMERGENCY PHONE CONTACT LIST

GENERAL

FIRE CALL	110
FIRST AID	112
POLICE EMERGENCY LINE	155

COMMUNICATION CENTERS

DİLOVASI FIRE DEPARTMENT	0.262.754 63 45
GEBZE FIRE DEPARTMENT	0.262.641 30 81
İZMİT FIRE DEPARTMENT	0.262.335 21 24
TÜPRAŞ	0.262.527 06 60
SOLVENTAŞ	0.262.754 77 00
DİLOVASI DISPANSERY	0.262.754 51 19
İZMİT SSK (Social Insurance Institution)	0.262.322 34 60
DİLOVASI POLICE SOLDIER	0.262.754 52 14
İZMİT PORT AUTHORITY	0.262.528 37 54
DARICA PILOT	0.262.745 00 36
GEBZE General Directorate of Civil Defence	0.262.641 33 18
ÇOLAKOĞLU METALLURGY	0.262.754 84 00
YILPORT	0.262.679 76 00
ALEMDAR CHEMISTRY	0.262.754 76 00
ALTINTEL A.Ş	0.262.754 51 68
SOPALI SSK HOSPITAL	0.262.233 54 90
MED MARINE	0.262.754 66 06
MEKE (SHORE CLEANING COMPANY)	0.212.292 34 70
TOTAL	0.262.754 71 85-86
GEBZE SSK HOSPITAL	0.262.641 16 10
INSTITUTE OF HYGIENE	0.312.435 46 02
KOCAELİ GOVERNOR'S CITY AND ENVIRONMENTAL PROVINCIAL DIRECTORATE	0262 325 31 85-86

4. General Layout of the Handling Area of Dangerous Goods

See the General Layout. Tank farm are area where dangerous goods are located in.

5. Fire Plan of the Handling Area of Dangerous Goods

Area where dangerous goods are handled in is Poliport Liquid Cargo Terminal. Poliport Liquid Cargo Terminal tank farm that is mentioned in Article 6 contains this field.

6. General Fire Plan of Port

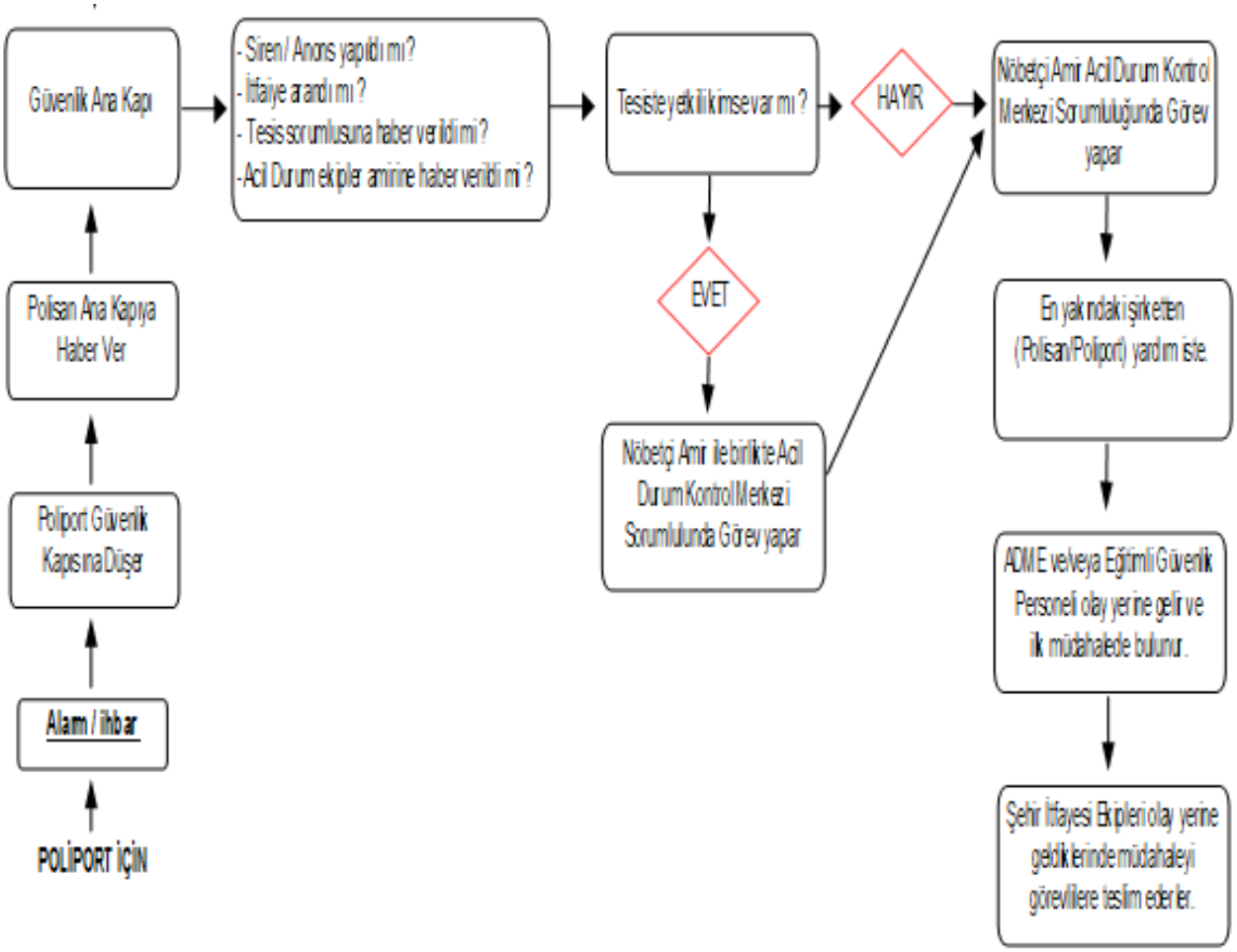
It is given as Annex.

7. Emergency Response Plan

PP.ADPEK.01 Emergency Response Plan

8. Plan for Emergency Meeting Points

9. Emergency Management Diagram



10. Dangerous Goods Handbook

Poliport has handbook for the Poliport staff. In addition there is procedure for dangerous goods in the ISPS Code Port Facility Security Plan.

11. Leakage Area and Equipment, Input/Output Drawings for CTU and Packages

Packaged dangerous goods loading for shipping by sea is not carried out Poliport Liquid Cargo Terminal.

12. Inventory of Ships Provided Service by Port

General Cargo Ship

Bulk Carrier

Oil / Product Tanker

Chemical tankers are provided.

In addition, tugboats belonging to the company under the contract made with **Sanmar Shipyard** Company are as follows:

ADI	IMO NO	TYPE	İNŞAA YILI	ÇEKİCİ GÜCÜ MT	MAKİNE kW	MK. MODEL	FI-FI (cbm/h)	SPEED (knots)
BOĞAÇAY VIII	9766994	AÇIK DENİZ RÖMORKÖRÜ		78,65 MT			1392 cbm/h	
BOĞAÇAY XXI	9771250	AÇIK DENİZ RÖMORKÖRÜ		60 MT			1200 cbm/h	
BOĞAÇAY XXXVIII	9803986	AÇIK DENİZ RÖMORKÖRÜ		70 MT			1200 cbm/h	
SANMAR TERMİNAL XXV	9863924	AÇIK DENİZ RÖMORKÖRÜ		79,27 MT			2764 cbm/h	
SIRAPINAR VIII	9850513	AÇIK DENİZ RÖMORKÖRÜ		51,35 MT			-	
YENİÇAY X	9873864	AÇIK DENİZ RÖMORKÖRÜ		30,61 MT			600 cbm/h	
HİSARÖNÜ	-	AÇIK DENİZ RÖMORKÖRÜ		32 MT			180lt/h	

13. Coordinates of Port Authority Administrative Boundaries, Mooring Places and Maritime Pilots Landing/Boarding Points

$40^0\ 46^{'}\ 10^{''}$ K-$029^0\ 31^{'}\ 20^{''}$ D

14. Marine Pollution Emergency Response Equipments

PP.ADPEK.01 Poliport Emergency Plan includes scenarios related to marine pollution. This scenario is as follows:

SCENARIO : CHEMICAL SPILLAGE TO THE SEA

SCENARIO : OIL / PETROL ETC. SPILLAGE TO THE SEA

Equipments located in Emergency Control Center for Environmental Accidents:

- Emergency Plans
- Emergency telephone numbers
- Coastline and marine maps
- Telephone, radiotelephone
- Stationery equipment
- Oil-spill team list
- Oil- spill equipment list

In addition, equipments belong to MARE Sea Cleaning company are used in emergency response.

15. Personal Protection Equipment Usage Map

See FTH.030-02.00 Personal Protection Equipment Usage Matrix. In addition, TH.030 Personal Protection Equipment Usage Instruction and TH.010 Instruction for Personal Protection Equipment Usage in Open Area include information about this issue.

16. Notification Form for Occurence Involving Dangerous Goods

Packaged form of dangerous goods is not transported from Poliport Terminal. When an event involving dangerous substances occurs, ship captain or any other party concerned will report to the nearest legal state. Related reporting is made to the Official Authorities. In addition, form that is appendix of PH.034 Incident Management Procedure (FPH.034-04.00 Near Miss Notification Form) and system are used for keeping records. Notification is done according to PT.012 Liquid Bulk Dangerous Loads Safe Handling Operation Procedure and Safe Handling of Dangerous Solid Bulk Cargoes Operation Procedure.

17. Notification Form for Dangerous Goods Transportation Unit (CTUs) Control Results

Packaged dangerous goods loading for shipping by sea is not carried out Poliport Liquid Cargo Terminal.

18. Other Necessary Appendixes

Line details are communicated to relevant authorities.