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Basic Safety Guide for the prevention of Major-Accident Hazards

IMPORTANT TELEPHONE NUMBERS IN LARNACA

Emergency services:

Police
Fire Brigade
Ambulance } 112 or 199

Larnaca General Hospital: **24800500**

Local Police Station serving the area of the Petroleum Products Plants in Larnaca: **24804040**

Larnaca Civil Defence: **24802034** (*Office Hours*)

Civil Defence Head Office: **22403451** (*24 hrs*)

District Labour Inspection Department: **24805343**



- Hellenic Petroleum Cyprus Ltd
- ExxonMobil Cyprus Ltd
- Intergaz Ltd
- Petrolina (Holdings) Public Ltd
- Synergaz Ltd

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In this booklet the petroleum products companies provide important information regarding the precautions that are taken and the basic safety guides that should be followed in the unlikely event of a major accident at the petroleum product plants in Larnaca.



This booklet was produced in compliance with the Regulations governing the Management of Major-Accident Hazards Related to Dangerous Substances, which harmonizes the Laws of the Republic of Cyprus with the European Union Directive 2012/18/EE, also known as 'Seveso III', and in consultation with the Civil Defence Force.

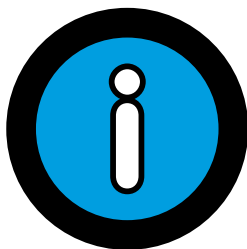
Awareness makes all the difference

The purpose of this booklet is to provide citizens residing in the surroundings of the petroleum products plants in Larnaca with comprehensive and detailed information and procedures to follow in the unlikely event of a major accident in the area.

Although the chances of such an accident are minimal, the relevant safety guidelines deserve your attention, as an accident of this kind could severely affect the local population as well as the flora and fauna in the region. If only as a precaution, we recommend that you are well prepared for every eventuality, and well aware of the necessary and appropriate action that must be taken under such circumstances.

The instructions in this information and safety guide are designed to accurately advise the residents of neighbouring areas that might be directly affected of the appropriate way to react in case of such an accident, in order to protect themselves, their families and neighbours in the best possible way.

Many of the directions have already proved to be very effective on previous occasions in other countries and are quite simple, as they are largely based on common sense.



"Seveso III" – On-site safety measures

Within the framework of the Policy for the Prevention of Major-Accidents Hazards, the petroleum products companies in cooperation with the Civil Defense Force are making systematic efforts to ensure the safety of the population and the environment to the highest possible degree. At the same time, the petroleum products companies' main goal is to comply with the Seveso III Directive, which was issued by the European Union in 1996. In line with the requirements of Seveso III, the petroleum products companies have compiled a "Safety Manual" which also includes the "Internal Emergency Plan". As a whole, it defines ways and means to prevent and manage the occurrence of accidents, to implement the necessary safety measures, to inform the public, and to restore and clean the environment.

The Safety Manual has been submitted to the Director of the Labour Inspection Department for assessment. Should the assessment reveal that the measures taken for the prevention of major accidents are inadequate, then the Director of the Labour Inspection Department may shut down parts or the whole of the unit in question.

At the same time, the Civil Defense Force in cooperation with other relevant authorities and the companies has prepared the "External Emergency Plans" which will be implemented in the unlikely event of a major accident.

In order to ensure that all necessary preventive measures are taken, the petroleum products companies communicate and cooperate on an ongoing basis with the Department of Labour Inspection, the Civil Defense Force, the Fire Brigade, the Cyprus Police Force, the Health Services Department, the Public Health Department and other Emergency Services.

The petroleum products plants have been operating in Larnaca for decades. As such, the management has already identified and is fully aware of the potential causes of accidents. They have taken all necessary precautions to avoid an accident and limit the consequences that would affect the population as well as the environment.

The Labour Inspection Department regularly inspects and examines all on-site systems, while joint emergency drills are practiced in conjunction with the Fire Brigade. All parties involved are dedicated to the prevention of accidents and the implementation of all necessary precautionary measures to ensure a safer future for everyone.

Basic Safety Instructions in case of an emergency

HOW WILL I KNOW?

The Civil Defense sirens, radio and television stations as well as the emergency services staff are the basic public channels of information.

The siren: The area's primary and immediate warning system

If your home is situated in the surroundings of the petroleum products installations, you should always bear in mind that the Civil Defense sirens will produce a 2-minute signal of fluctuating intensity to warn the community that a major accident has occurred. This will be followed by announcements delivering specific instructions depending on the nature of the accident.

As soon as you hear the siren:

It is important to realize that you have to seek protection immediately, within the first seconds of hearing the warning signal.

WHAT DO I DO IF I AM CLOSE TO HOME?

Follow these simple instructions

- **Go inside**
- **Stay inside**
- **Tune in to Radio or TV for further instructions**

Exception to the rule: In certain cases, e.g. fire, danger of buildings collapsing etc, common sense will tell you to avoid entering a building.

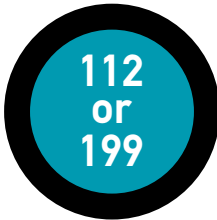
I'M IN THE HOUSE... THEN WHAT?

- **Immediately close all doors and windows and cover with care any other openings.**
- **Immediately switch off any gas consuming appliances and ventilation systems, and do not smoke.**
- **Do not carelessly expose yourself or others to danger.**
- **Remain calm and try to reassure those around you.**

WHY SHOULD I NOT USE THE TELEPHONE?

Although the telephones will be working, it is extremely important not to occupy the lines, so they can remain free for use by the Authorities. For that reason we urge you not to use your telephones.

However, if someone is seriously injured or medical care is required, you should call for an Ambulance at



MY CHILD IS AT SCHOOL...

All schools have their own emergency plans. The teachers and staff will take the appropriate action to protect the pupils.

Many parents might wish to collect their children from school. That, however, might put them and their child at risk, unnecessarily. The ideal course of action is to stay calm and to avoid unnecessary movement, as your child will be safe in the hands of the school's staff.

Pupils are advised not to call their parents for the reasons explained above.

WHAT DO I DO IF I AM FAR AWAY FROM HOME?

- **Do not carelessly expose yourself to danger.**
- **If you are out on foot, enter the nearest building.**
- **Stay inside and await further instructions.**
- **Try to locate a radio or TV and wait for further instructions** Important not for drivers.

Important note for drivers

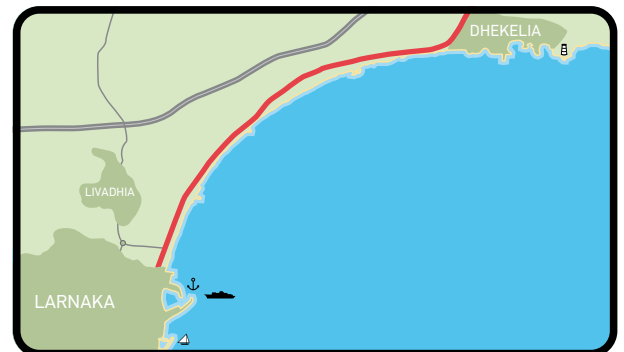
If you are able to leave the area, stay calm and drive away carefully.

If you are unable to leave the area, park your car in a place where it will not obstruct traffic, and enter the nearest safe building.

The police will help divert traffic away from any possible danger.

**DO NOT USE THE MAIN
LARNACA - DHEKELIA ROAD**

Keep this road clear for all emergency services, e.g. ambulances etc.



Instructions for businesses

Every employer is responsible for the safety and protection of his or her staff. Companies are required to take, in advance, the necessary measures to be able to deal with the hazards of a major accident.

The importance of **Planning and Remaining Calm**

In any emergency, the importance of being prepared and taking the appropriate action without panicking is crucial.

Prepare a list of the most important telephone numbers you might need in case of an emergency. The list should include the number of your personal doctor.

Prepare a bag with items of personal hygiene and any medications that you or members of your family need regularly, and keep the bag in a safe and accessible place in your home.



If necessary, and if you are able to, provide members of your family and those around you with first aid on the spot.

Do not attempt to move a seriously injured person yourself, unless his or her life is in immediate danger.

IMPORTANT TELEPHONE NUMBERS:

(Fill in the blanks)

EMERGENCY ASSISTANCE: **199 or 112**

LOCAL POLICE STATION: **24804040**

CIVIL DEFENCE: **22403451**

OROKLINI FIRE BRIGADE: **24804260**

FAMILY DOCTOR:

OFFICE:

SCHOOL:

.....

WHERE CAN I GET MORE INFORMATION?

A dedicated web site has been developed to provide citizens with specific and comprehensive information, as well as answers to the most frequently asked questions (F.A.Q.) related to this subject and the 'Seveso III' directive. Visit the web site at:

www.seveso.lca.com.cy

Installations of the Petroleum Products Companies

The petroleum products plants began operating in Larnaca in the late 1940's and are located along the Larnaca - Dhekelia Road.

Their business operation focuses around the import, storage and distribution of petroleum products to fulfil the needs of the Cyprus market. The petroleum products are transported to Cyprus via tankers that are anchored in the Larnaca bay, opposite the installations. The petroleum products are unloaded via underwater pipelines, and the whole process is subject to the strictest controls in accordance with international inspection and safety protocols.

Throughout their long-standing operation, and aware of their great responsibility, the plants have been providing local consumers with high quality fuel, continuously and safely. At the same time, they have implemented high standard of safety and environmental protection systems in combination with the impeccable professional management of their overall activities.

The installations of the petroleum products companies operate and are maintained within the strict framework of manufacturing specifications and in compliance with the internationally accepted standards. These standards are designed to secure the safety of their staff and as well as the citizens living in the area, while eliminating any environmental damage. The plants are equipped with integrated fire extinguishing systems which can operate autonomously but are also interconnected. As a result, and in case of an emergency, these systems complement each other and operate jointly. The petroleum product companies maintain and nurture a long-standing and excellent cooperation with both the Fire Brigade and the Civil Defence Force, aiming to continually upgrade the parameters of safety in the area. Joint emergency drills focusing on how to face any major-accident hazards are organized regularly, to ensure that any possible dangers are controlled effectively and that the teams' efforts and procedures are perfectly coordinated.

Liquefied Petroleum Gas Plants

EUROGAS

The EUROGAS plant was constructed and has been operating in Larnaca since the 1960's. The unit serves as a storage facility and distribution centre for liquefied petroleum gas (LPG). The gas is stored in horizontal, cylindrical tanks. Pipes are used to transport the stored LPG to the Petrolina Gas facility where it is bottled or pumped into tank trucks.

CENTRAGAZ

The CENTRAGAZ plant was constructed and has been operating in Larnaca since the 1970's. The unit serves as a storage facility and distribution centre for liquefied petroleum gas (LPG). The gas is stored in horizontal, cylindrical tanks. Pipes are used to transport the stored LPG to the Petrolina Gas facility where it is bottled or pumped into tank trucks.

SYNERGAS

SYNERGAS Ltd was established in 1965 as a cooperative enterprise. Its operation focuses on the bottling and supply of liquefied petroleum gas. The gas is stored in horizontal cylindrical tanks and one spherical tank. Today Synergas distributes bottled and bulk LPG all over Cyprus.

INTERGAZ

INTERGAZ Ltd was established in 1973. Its activities cover the import, bottling and distribution of LPG. The gas is stored in horizontal cylindrical tanks. It is distributed to the Cyprus market both in cylinders and in bulk on tank trucks.

EKO – LPG PLANTS

The LPG plant established by Hellenic Petroleum Cyprus - EKO has been in operation in Larnaca since the late 1960's. The gas is stored in horizontal cylindrical tanks and in one spherical tank. The gas is distributed in bulk by tank trucks and it is also bottled in cylinders at the plant's bottling unit.

PETROLINA GAS

The Petrolina Gas LPG plant has been operating in Larnaca since 1969. It serves as a storage and distribution centre for LPG. The gas is stored in a spherical tank. The stored gas is pumped into tank trucks and bottled in the company's bottling facility for further distribution.

Petroleum Product Plants

ELPE

The Hellenic Petroleum Cyprus – EKO plant has been in operation in Larnaca since the late 1940's. The company's activities centre around the import, storage and subsequent distribution of petroleum products throughout Cyprus.

The products that are managed at the plant are petrol, diesel, jet fuel and kerosene.

ExxonMobil

The ExxonMobil Cyprus Ltd plant in Larnaca has been operating since the late 1940's. The company's activities centre around the import, storage, and distribution of petroleum products to cover the needs of the Cyprus market. The products that are managed at the plant are petrol, diesel and kerosene.

PETROLINA

PETROLINA's petroleum product plants have been operating since the 1950's. Their activities centre around the import, storage and distribution of petroleum products for the local market. The products that it imports are petrol, diesel, jet fuel and kerosene.

Basic product names and description of respective hazards

Petrol 95/98 octane:

Extremely flammable liquid which can catch fire under normal temperature conditions. The mixture of vapour and air can easily create a dangerous and explosive combination. Since the vapour is heavier than air, it accumulates at ground level and spreads easily in the direction of the wind, with a high possibility that it will meet a source of ignition.*

Jet Fuel / Kerosene:

Flammable liquid, and the mixture of vapour and air can create a dangerous and explosive combination. The vapour accumulates at ground level and spreads easily in the direction of the wind, with a high possibility that it will meet a source of ignition.*

Diesel for Transportation / Heating

Danger of catching fire if the product is heated beyond the temperature of flammability at which it will burn violently.*

LPG

Extremely flammable liquefied gas. The mixture with air can create a dangerous and explosive combination. Heavier than air, it spreads easily to cover a great distance, with a high possibility of meeting a source of ignition and causing return flames. It can also accumulate in sewage systems, closed areas, basements etc, where it will replace oxygen in the atmosphere and therefore cause suffocation.