



Prefecture of Venice - Territorial Office of the Government

Area V - Civil Protection, Civil Defence and Public Rescue Coordination
pursuant to Article 21 of Legislative Decree No. 105/2015

INFORMATION SHEET

for residents in the *Porto Marghera* Industrial Centre area

In the **Porto Marghera Industrial Centre**, there are **eight plants** subject to 'Seveso' regulations, which carry out activities defined as "major-accident hazards".

All Plants are subject to **continuous inspections** by the technicians of the fire department and Arpav (Veneto Regional Agency for Environmental Prevention and Protection), who can also ask the Operator to make changes if necessary to ensure **maximum plant safety**. The possibility of a serious accident occurring is quite remote **thanks to the safety systems installed** and the company's safety management system. Despite everything, however, **some anomalies or malfunctions could occur and could lead to the release of hazardous substances and subsequent accident scenarios.**

ACTIVITY



ACCIDENT SCENARIOS

Alkeemia

Production and storage of pure hydrofluoric acid and aqueous solution, storage of sulphuric acid and oleum.



Alkeemia

Possible release of hydrofluoric acid, ammonia and oleum, resulting in the formation of a toxic cloud.

Altuglas

Production of acetoncyanohydrin from hydrogen cyanide (obtained by synthesis from ammonia, methane and oxygen) and acetone.



Altuglas

Possible release of hydrogen cyanide and ammonia resulting in the formation of a toxic cloud. Possible release of acetone resulting in a fire.

Decal Italia

Handling and storage of petroleum, petrochemical and chemical products in liquid form

Eni Sustainable Mobility

Production of liquefied gases such as propane, butane and LPG mixture; petrol; petroleum for turbojets and heating; motor and heating oils.

Petroven

Reception, handling and storage of liquid hydrocarbons

San Marco Petroli

Reception, handling and storage of liquid hydrocarbons



Decal Italia, Eni Sustainable Mobility, Petroven and San Marco Petroli

Possible release of flammable liquid petroleum products resulting in radiation and/or flash-fire scenarios.

Sapio

Production and distribution of technical gases



Sapio

Possible release of ammonia resulting in the formation of a toxic cloud. Possible release of flammable gases resulting in ignition and irradiation.

Versalis

Production of light hydrocarbons, aromatic extraction and storage of petroleum products and chemicals



Versalis

Possible release of flammable gases or liquids resulting in ignition and irradiation.





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Within these Plants there are **sensors** of the **SIMAGE** (Integrated Environmental Monitoring and Emergency Management System) monitoring **network** that, as soon as they detect that the thresholds set for each pollutant have been exceeded, **send** - via the ARPAV network - **an acoustic signal** to the **EZI** (Porto Marghera Industrial Zone Authority)/**SIMAGE industrial site joint operating room**, which requests a verification from the Plant **Manager**. If the anomaly is confirmed and can be felt by the population as a perceptible event, a state of **WARNING** is triggered and the EZI/SIMAGE Operations Room proceeds to:

- 1) inform the Fire Department and ARPAV;
- 2) Notify the Prefect and all parties identified in the **EOP (External Emergency Plan)** in charge of emergency and rescue operations;
- 3) Monitor the development of the situation.



ATTENTION
[WARNING!]



When the event may have consequences outside and the state of **ALARM** is triggered, **the EOP (External Emergency Plan) is immediately activated**, which the Prefecture has developed in collaboration with the Fire Department, ARPAV, SUEM118, Venice Municipality, the Industrial Zone Authority, the Police Force, Civil Protection Volunteers, the Metropolitan City and the Veneto Region.

In order to immediately warn the **population** living in the area that might be affected by the event, the **Municipality of Venice has arranged** for the sound of **sirens to be activated**.

Citizens and operators in the area can also request to be informed through the **SMS** service provided by SIMAGE, an environmental monitoring system to which users can subscribe by sending an e-mail to simage@arpa.veneto.it indicating their name, surname and telephone number to which the information messages should be sent.

Anyone present within the area, at the sound of the siren, or on receipt of the SMS, must immediately find shelter indoors with doors and windows closed, and remain there until the alarm ceases, which will always be communicated by the sound of the sirens and the sending of an SMS.

Please find attached the sheet on how to behave in the event of an accident.

Below is the envelope of areas that could be affected by a possible accident:



FREQUENTLY ASKED QUESTIONS

What is the EEP?

The EEP - **External Emergency Plan** - is a document that the Prefecture must prepare for all plants that hold and/or handle certain quantities of substances dangerous to humans and the environment in order to contain and minimise the consequences of an accident and protect human health and the habitat.



Who draws it up?

The EEP is prepared by a technical committee composed of the Prefecture, the Fire Department, Arpav, the Municipality of Venice, SUEM 118, the Industrial Zone Authority, the Police Force, the Metropolitan City, and the Veneto Region. Some of these members also participate in the Regional Technical Committee to monitor the safety of the plant, prescribing, when necessary, additional tools for maximum risk reduction.



What is the purpose?

The purpose of the EEP is to:

- **define the area and surrounding structures** that could be affected by an accident in relation to the expected potential risk;
- **describe and coordinate the procedures** to be adopted respectively by the authorities participating in the technical committee that will intervene in the event of an alarm;
- **inform the population on how to behave in the event of a major accident.**



How does it work?

When an accident affects areas outside the plant;

- ◆ the Ezi/Simage Operations Room, in consultation with the plant manager, activates the warning procedure to all relevant authorities;
- ◆ the public, immediately informed by the sound of emergency sirens and the sending of an SMS, must immediately take **shelter indoors**;
- ◆ **Fire Department, SUEM and ARPAV technicians go to the accident site**;
- ◆ Police Forces (State Police, Carabinieri, Guardia di Finanza, Local Police) **restrict access to the area affected by the accident to rescue workers only**;
- ◆ the Prefect activates the Rescue Coordination Centre from where he coordinates operations and keeps abreast of the situation;
- ◆ As soon as the accident is declared ended by the Fire Department, the Prefect, **through the Mayor, communicates the cessation of the alarm by sounding the sirens, sending an SMS and publishing notices on the Internet site and on the social networks of the Municipality of Venice.**



Does this really work?

The EEP is **updated every three years** and **drills** can be carried out to check its effectiveness. If critical issues emerge, an assessment is made as to what improvements should be made to the system or the way in which they should be done.



To know more...

All further information can be found in the EEP published on the website of the Prefecture of Venice at the link:

[http://www.prefettura.it/venezia/contenuti/Piani di emergenza esterna per le industrie a rischio rilevante-72579.htm](http://www.prefettura.it/venezia/contenuti/Piani_di_emergenza_esterna_per_le_industrie_a_rischio_rilevante-72579.htm)

For further news and information write to protcivile.pref_venezia@interno.it.