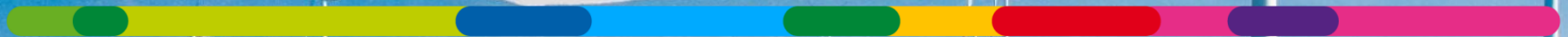

Présentation sécurité/environnement firmes tierces

Presentation security / environment
Third-party firm



On-site specifications : Les Awirs power station



INHOUD

Chapter 1

Evacuation (Alarm)

Chapter 2

In an emergency:

Chapter 3

Risico's

Chapter 4

Work on gas installations

01

Evacuation (Alarm)



Evacuation (Alarm)

In the event of evacuation:

- Assembly area:
 - Mandatory badge swipe in the health unit courtyard



02

In an emergency:

ENGIE
Electrabel



In an emergency:

Les Awirs, near SEVESO sites: (e.g. PRAYON, powder factory)

- If the SEVESO siren sounds = > containment
 - Remain inside,
 - Close doors and windows,
 - Keep informed by radio,
 - Do not use the telephone

SEVESO Alert: periodic onsite tests



In an emergency:

In the event of injury, for first aid:

- Health unit:
 - available onsite, at the plant entrance
 - key available at the CS and the guardhouse



Note: no medical staff on site.



In an emergency:

In the event of heart trouble:

- Defibrillator:
 - At the entry of the control station T5
 - In the health unit



03

Risks



Risks

Natural gas

❑ Risk

- Asphyxia
- Fire
- Explosion

❑ Prevention

- Use personal protective equipment (self-contained mask)



Risks

- ❑ Heat
 - Burns
- ❑ Steam
 - Burns
- ❑ Hydrogen
 - Explosion



Risks

Explosive atmospheres (ATEX)

- Hazardous areas:
 - Natural gas: boiler, regulating station
 - Battery locations: H2
 - Alternators: H2
 - Pellet grinding



Gas substation hydrogen substation



Risks

Chemical products

- Hydrochloric Acid (HCl)
- Caustic Soda (NaOH)



Basin



Tank



Risks

Hazardous areas

Emergency stop cable = >



Conveyor belts



T4 Grinding mills

T4: Flying wood ash, powdery and caustic
=> risk of chemical burn



04

Work on gas installations



Work on gas installations

Conditions to be met:

- ❑ Authorisation required prior to work
- ❑ Circuits rendered inert and void of gas
- ❑ Very low voltage explosion-proof lighting
- ❑ Sufficient quantity of extinguishers on hand
- ❑ No smoking or producing fire
- ❑ Beware of inert gases (nitrogen, CO₂), which are asphyxiants.





THANK YOU

