
Presentation security/environment third party firms



Site details:

Saint-Ghislain Power Station



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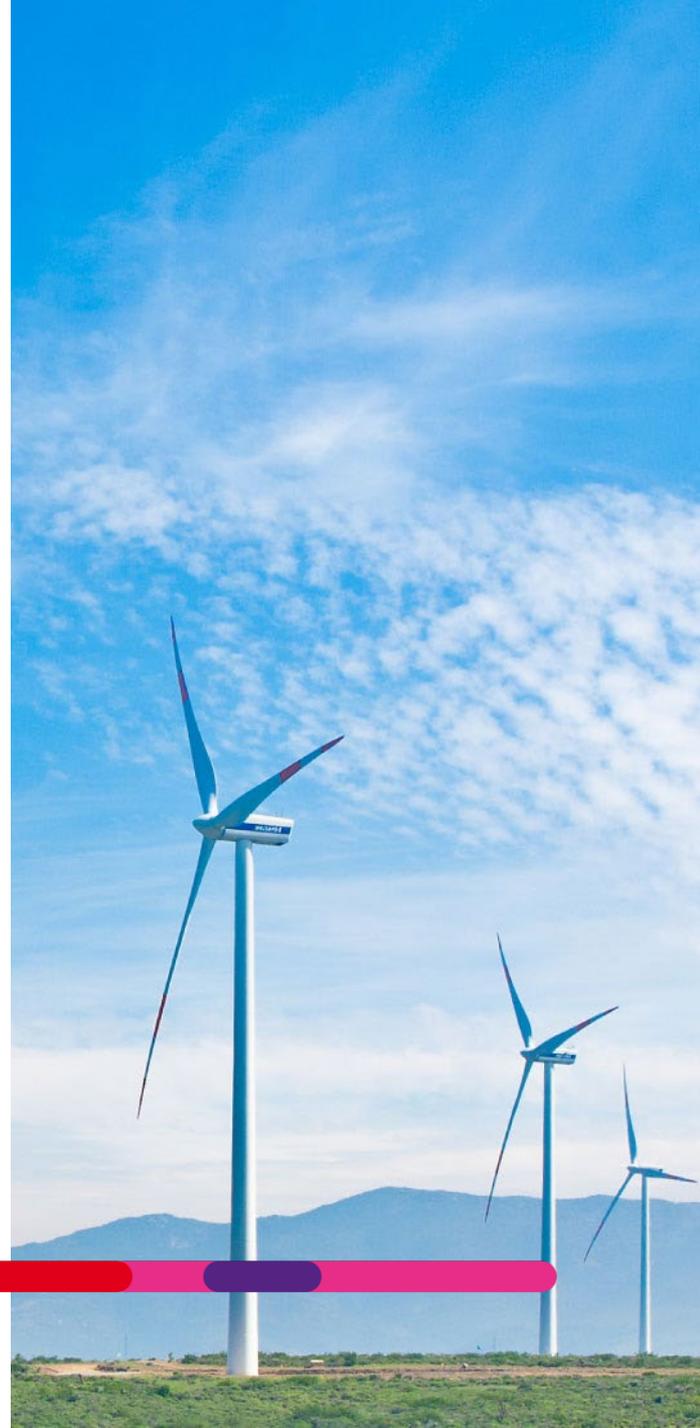
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Chapter 5

Work to gas installations

01

Evacuation (Alarm)



Evacuation (Alarm)

In case of an evacuation:

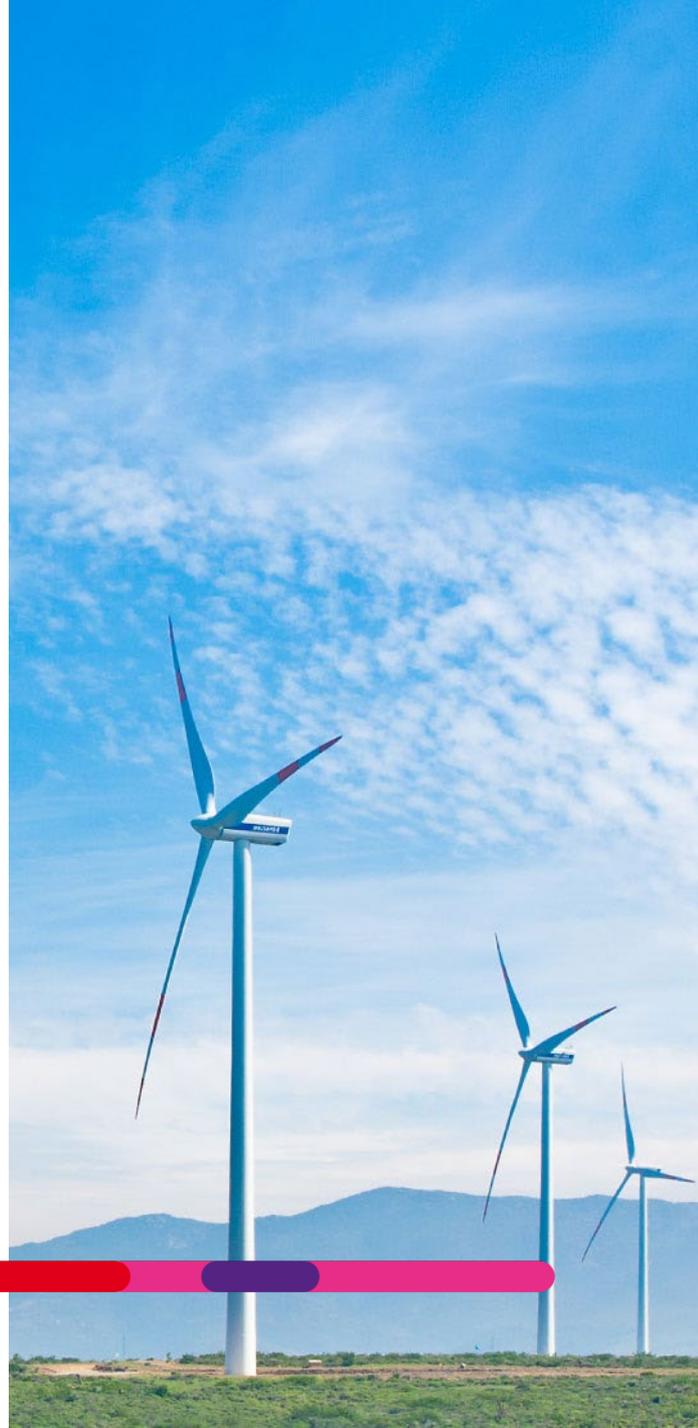
- Assembly point
 - = next to guardroom (K04)
- In the event of an evacuation, you must register with your badge at the assembly point to speed up the head count.
- If the gas turbine is started up, a spoken message will be transmitted over the loud speakers requesting the boiler building be cleared. The siren will not be activated and you are not required to go to the assembly point.



02

In the event of
an emergency:


ENGIE
Electrabel



—
In the event of an emergency:
—

In case of minor injuries:

- Sick bay:
 - available on-site, in the administrative building K03



Please note: no medical staff on-site.



In the event of an emergency:

In case of heart problems:

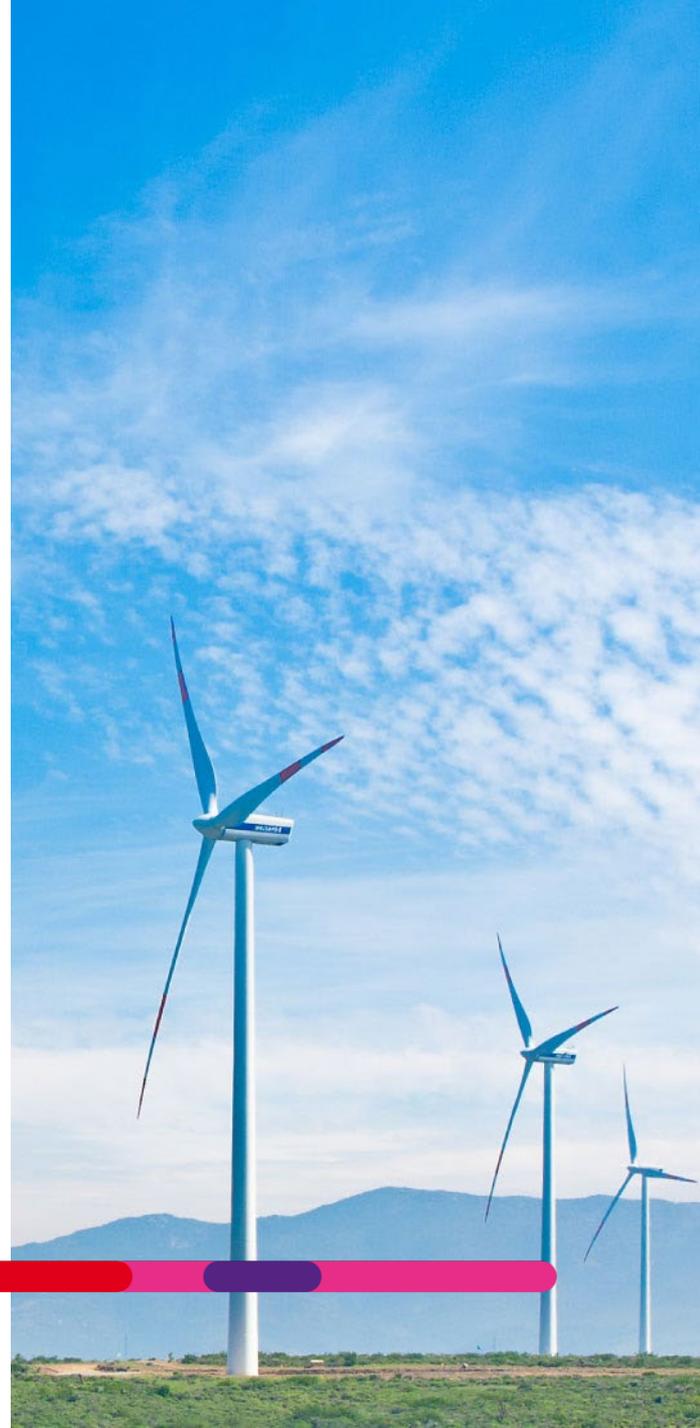
Defibrillator:

- In the passage between the control room and the machine room
- In the lobby of the administrative building K03
- in the workshop



03

Site-specific risks



Site-specific risks

Natural gas

- Risk :
 - Suffocation
 - Fire
 - Explosion
- Prevention: wear individual protection equipment
(self-contained mask)



Site-specific risks

- Thermal
 - Burns
- Steam
 - Burns
- Hydrogen
 - Explosion



04

Risks/Hazardous products



Risks/Hazardous products

Rooms containing chemical products:

- ❑ G30: hydrochloric acid, caustic soda
- ❑ B65 (LDN) : tri-sodium phosphate , ammonia
- ❑ B65 (HNA cabinet) : phosphoric acid
- ❑ G06: sodium hypochlorite
- ❑ G17: ammonia



Remember:

- In case of leakage, immediately dial: 4444
- In the event of splashes, rinse thoroughly.



Risks/Hazardous products

Explosive atmospheres (ATEX)

- Danger zones:
 - Hydrogen terminal (H2) in machine room
 - Battery rooms: H2
 - Alternator: H2



05

Work to gas installations



Work to gas installations

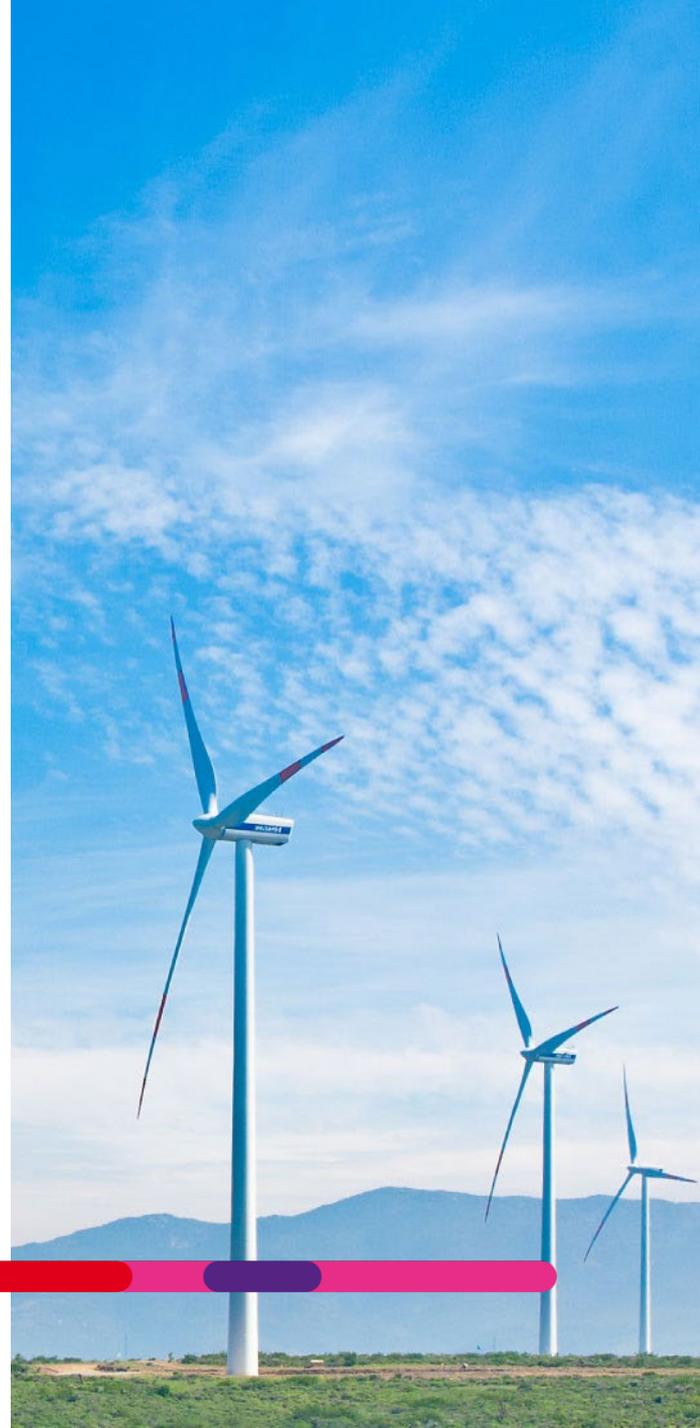
Follow the guidelines below:

- ❑ Authorisation mandatory prior to intervention
- ❑ Circuits must be made inert and free of gas
- ❑ Very low-voltage explosion-proof lighting
- ❑ Sufficient extinguishers must be present nearby
- ❑ Do not smoke or produce naked flame.
- ❑ Beware of inert gas (nitrogen, CO₂) which is an asphyxiant



06

Industrial cyber security



Industrial cyber security requirements

- Connecting devices to the industrial system or disconnecting certain devices may cause plant shutdown or damage to the installations.
- It is therefore prohibited without special authorisation :
 - to connect devices to the industrial system (USB, smartphones, | 
 - to insert CD/DVDs to connect a cable to the industrial network 
 - touching or disconnecting industrial equipment (computer, automaton, etc.) 
 - to open a cabinet containing industrial equipment
 - share sensitive information such as passwords
- **Failure to comply with these rules may result in exclusion from the industrial site**
- If you have any questions/for special authorization or to report a problem, please contact your Electrabel site manager.



THANK YOU

