



THIRD-PARTY FIRM / ENVIRONMENT SAFETY PRESENTATION

[Version 6 -January 2024]

RESTREINT

INTERNE

SECRET





Welcome to the Coe power station

Table of Contents

Chapter 1

General rules

Chapter 2

In case of emergency

Chapter 3

Not allowed

Chapter 4

Personal protective equipment

Table of Contents

Chapter 5

Risks

Chapter 6

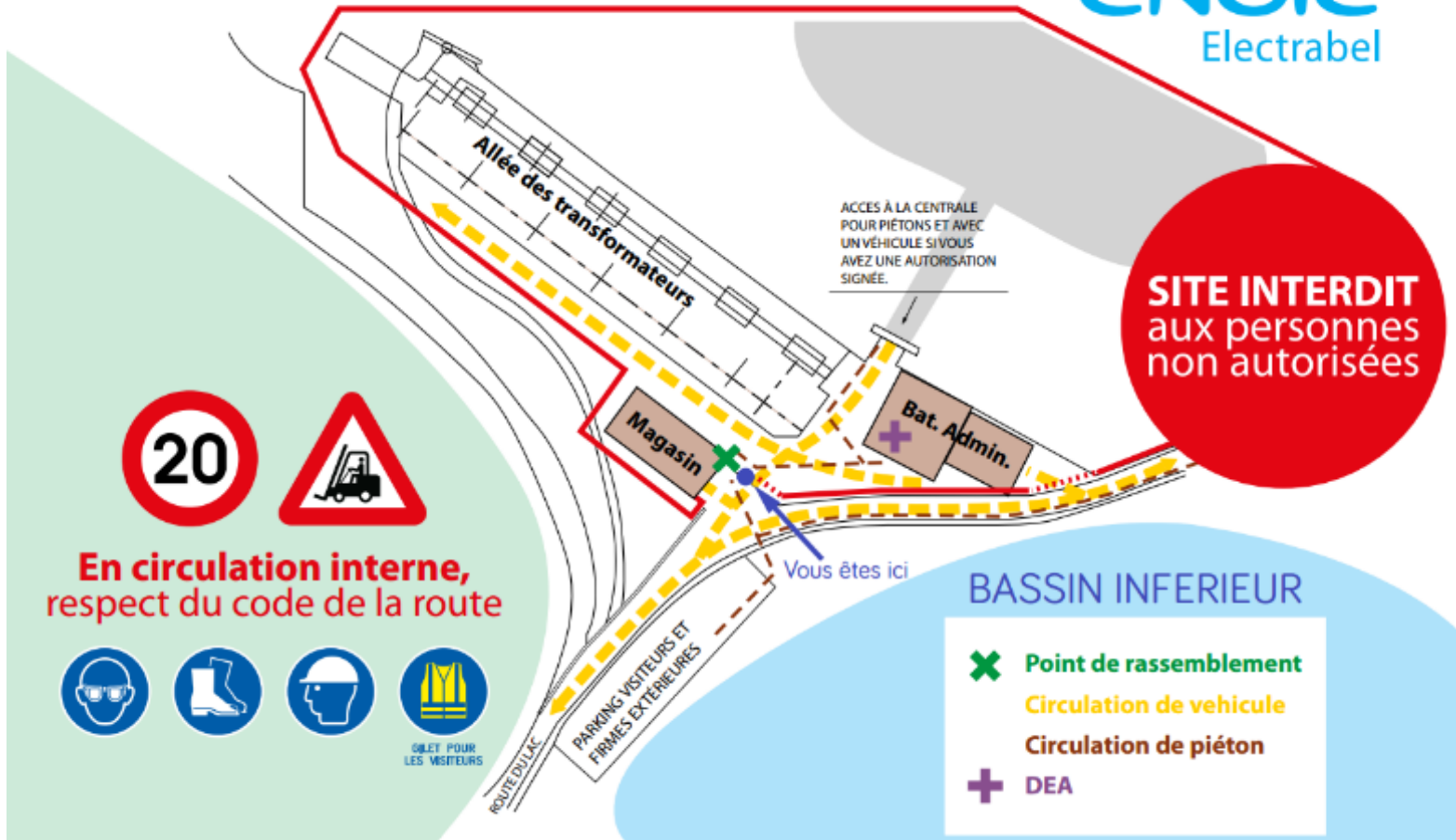
Environment

Chapter 7

Cyber security

Chapter 1: General rules - Circulation plan

Engie Electrabel - COO | Plan de circulation



Chapter 1: General rules

Obligations:

- The badge received for access to the site must be systematically returned at the end of the assignment (to the guard or via the letterbox provided for this purpose).
- You must carry your badge with you at all times. This enables the carrier to be identified and counted more quickly at the assembly point in the event of an alarm.
- Use the car parks provided for this purpose outside the site, and if necessary ask your works supervisor for authorisation to access the site.
- Observe the maximum speed limit (20 km/h).
- Pressure cylinders must be secured vertically to a stable support made of non-combustible materials.

Chapter 2: In case of emergency:

4444 from 8 am to 4:15 pm and 3:30 pm on Fridays

(from a landline)

Outside business hours

- ❑ Call 112 via a mobile phone or 0112 via a landline and notify the on-call staff
(see sheet on the front door of the administration building)

Intervention on Coo's ancillary sites

- ❑ In the event of problems (injuries, fire, etc.) during an operation on the ancillary sites (Robertville, Butgenbach, Bévercé, Stavelot, Heid de Goreux, Lorcé, Cierreux, La Vierre and Orval) **always call for help on 112 and inform the works manager**



Chapter 2: In case of emergency:

In the event of evacuation:

❑ Grouping zone

= at the corner of the shop



Chapter 2: In case of emergency:

☐ In the event of an accident, incident, major pollution or environmental incident

- A single internal emergency number: **4444** from a landline
- Notify your line manager or an ENGIE ELECTRABEL manager (in charge of work)
- Possible support from the ENGIE ELECTRABEL First Response Team on site
- If you need to be taken to hospital, you must go by ambulance (not allowed to use colleagues, friends, family or your own car).



Chapter 2: In case of emergency

In case of injury, for minor care:

Sick bay:

- available on site, next to the shop opposite the transformers.
Not accessible without Electrabel staff

Attention:

No nursing staff on site.

Reminder: each company must manage the "minor care".

(presence of first aid box, first aiders)



Chapter 2: In case of emergency

In case of heart problems:

A defibrillator

- ❑ Entrance to control room level 222 (Coo 1 side)
- ❑ At the entrance to the administration building next to the guardhouse



Chapter 2: In case of emergency

In the event of flooding (Coo cavern)

- The evacuation signal (modulated sound) is also activated.



- Quickly evacuate the cavern.



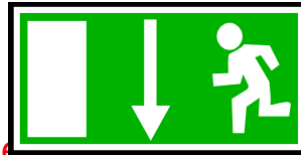
Chapter 2: In case of emergency

In the event of evacuation:

❑ Evacuation will still take place via the normal exit routes, simply follow the signs below:



- If the normal exit is not accessible, use the emergency exit by following these signs :



- Don't be surprised by the route you take, it's a safe one that will guide you to the assembly point.

Chapter 3: Not allowed



The water network is not drinkable.
If you want to drink, use fountains or bottled water.



LPG-powered vehicles are not permitted in caverns.



It is forbidden to park vehicles in the gallery. If authorised, park in the direction of exit, with the key in the ignition and the doors unlocked.

Chapter 3: Not allowed



No alcohol
No drugs



Smoking (including electronic cigarettes)
→ only in authorised areas.



A ban on mobile phones and electronic devices in certain locations

Use of fire hoses for fires only

Chapter 3: Not allowed

Anchor points

- Not all harness anchorage points are subject to quarterly checks.
- Before using an anchor point, inform the person in charge of the work, who will have it checked if necessary.



Chapter 4: Personal protective equipment

- ❑ Torches must be carried in all technical facilities, and specifically at Coo cavern and Robertville dam.



- ❑ Wearing a gas detector (O₂ or multi-gas) is required, especially when working in the various galleries and shafts:
 - upper basin drains 1 & 2, upstream & downstream dykes
 - water intake north platform

But also for all interventions in:

- the Bévercé and La Vierre penstocks
- the bottom pipe of the Robertville dam



- ...



Chapter 5: Risks

Asphyxiation:

- ❑ **Risk:** Given the configuration and inadequate ventilation, in some galleries the O₂ oxygen level could be less than 19%.
- ❑ **Prevention:** Risk analysis + compulsory work permit
- ❑ **Protection:** Gas detector port
Permanent measuring devices in some wells



Multi-gas detector
for O₂, CO, CH₄,



O₂ detector



Permanent O₂
meter



Chapter 5: Risks

☐ Analysis

- No work can begin without formal authorisation and a prior risk analysis.

☐ Equipment

- Always accompanied by its inspection label (power tools, pneumatic tools, hydraulic tools, lifting tools, etc.)
- Correct use

☐ Dangerous products

- Use only with the authorisation of the works supervisor (who will have checked beforehand that this product is authorised by ENGIE Electrabel and will give you the conditions of use).

Chapter 5: Risks

□ Electricity

- Risk of fatal electric shock at voltages > 12 V



- No entry



Live equipment 6.3 kV

Chapter 5: Risks

Chemicals:

- ❑ Presence of Na_2CO_3 (sodium carbonate) in solution in the rheostats

Reminder: In the event of a leak, make an emergency call:
4444



Toxic and hazardous products

- ❑ Machine room: SF_6 (sulphur hexafluoride) in 20 kV circuit breakers ozone layer-affecting gas



Chapter 5: Risks

Surface water:

- ❑ **Risk:** Contamination by biological agents
- ❑ **Prevention:** Risk analysis + compulsory work permit
- ❑ **Protection:** Waterproof clothing with helmet and visor
Wear an FFP3 mask or balaclava Gloves
- ❑ **After the operation:** cleaning / disinfection



Chapter 6: Environment



In order to continuously improve our environmental management - ISO 14 001 - we would like:

- Compliance with standards and legislation.
- Limiting the environmental impact of our power plants.
- Managing noise (during works and when installing new equipment).
- Respect for emissions into the air, ground and water.
- Sorting and reducing waste.
- Getting everyone involved in the environment.

Chapter 6: Environment

Special features for 2 Coo annex sites: Robertville and La Vierre

They border NATURA 2000 sites. All work in or around these sites is strictly regulated.



Before any work is carried out, the Environment Department must be consulted.



Chapter 6: Environment

☐ Hazardous products and enclosure

All hazardous products that are not in double-walled containers must be deposited in an enclosure.



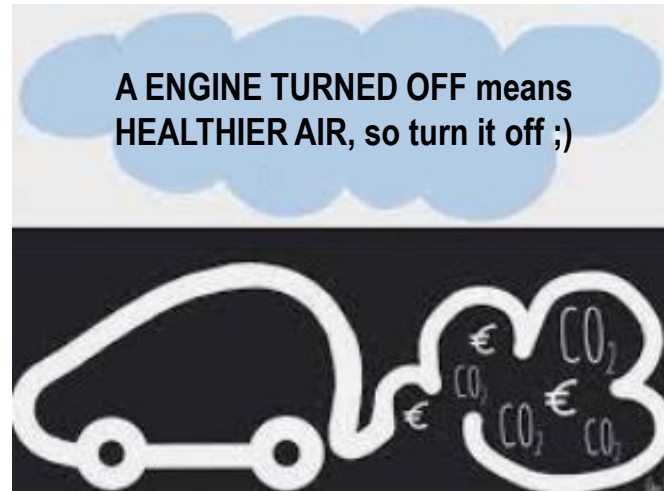
Volume of enclosure:

- half the total capacity of the containers it contains;
- the capacity of the largest of the containers, plus 25% of the total volume of the other containers.

Chapter 6: Environment

❑ Common sense

When your vehicle is parked, please turn off your engine.



Chapter 7: Cyber security

When working on a Engie site



NEVER CONNECT A
REMOVABLE MEDIUM



NEVER CONNECT A
PC



NEVER CONNECT
TO THE **INTERNET**



NEVER CONNECT
TO **A NETWORK**



NEVER SHARE
**CONFIDENTIAL
INFORMATION**

Unless with authorization.

Contact your local contact person for more info





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