

## Health & safety procedures

### Health & Safety Organization

The manual explains the structure and action plan of the health and safety committee. It includes information on the following points:

- Work methodology
- Monitoring and inspection
- Preventive maintenance
- Health and safety training
- Protective equipment

### Criteria specific to the operations:

All operations are performed indoors.

- An ongoing training program allows our employees to maintain and develop their knowledge regarding the handling and consolidation of hazardous materials.
- Priority is given to maintaining compliance with health and safety regulations during operations.
- The transfer center generates no effluent.
- All consolidation operations are supervised by professional chemists experienced in this very specialized work.



### List of environmental control and prevention systems:

- Leak control system (Trace Tek).
- Leak monitoring of the primary retention basin for the internal storage tanks.
- Level sensor control system (Allen Bradley / Automation RL).
- Laser guided liquid level detector in each tank.
- Level sensor panel at the pumping station. The station is equipped with a visual and audible warning system when critical levels are reached.

### Fire prevention system

All sprinklers in the building are controlled by a sectoral electronic trigger system

- Foam injection system (flood style) for five tanks containing flammable material
- Foam system for drum storage areas of flammable products
- Water system for drum storage areas of flammable products and labpacks

### An electronic security system

- The perimeter of the center and all entrances and exits of the buildings are protected by an electronic alarm system.

### Emergency Plan

The emergency response plan was developed by CRI Environnement Inc. to respond to any possible incidents presenting a danger, such as a potential or actual hazardous material spill, fire, explosion, incidents of bodily harm or other accident within the plant.

This plan identifies the different risk events that may occur and the appropriate internal and / or external procedures to implement.

### Continuous detection system of ambient gases (Neotronics)

The system has two alarm levels which are linked to the ventilation systems. The following gases are detected:

- Oxygen (%)
- Volatile organic compounds (% LEL)
- Toxic gases (H<sub>2</sub>S, CO, NO<sub>x</sub>)

### Ventilation systems

4 general ventilation systems with a total capacity of 80,000 cfm. 1 "Labpack" division ventilation system connected to 3 activated carbon units.

- Acidic medium: activated charcoal 2000 w / GC IPH
- Alkaline medium: activated charcoal 2000 w / GC IPA
- Organic medium: activated charcoal 2000 w / natural

### Secondary retention basin

The entire surface of the floor in the transfer center is surrounded by a raised wall of 17 cm, acting as a secondary retention basin, with a total capacity of 474,000 liters. The floor covering is chemical resistant.

It has the following features:

- 1,394 square meters of standard coating - Overkote / Overkrete
- 74 square meters of electrostatic coating - Ultra Plex EC
- 604 square meters of ultra-resistant coating - Overkote more
- 106 square meters of standard coating in the laboratory



### Respiratory Protection Program

Included in the action plan of the health and safety committee, the program ensures proper use of autonomous respirators and cartridge masks commonly used at the transfer center.

### Summary of the Emergency plan

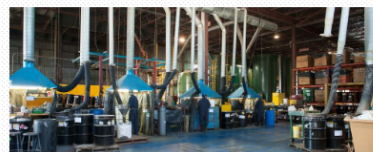
The first part of the emergency plan addresses the following topics in detail:

- Hazard identification, risk assessment
- Description of the type and quantities of waste handled and stored at the center
- Surveillance and security system
- Risks associated with each work area
- Names and phone numbers in case of emergency
- List of emergency equipment

The second part of the emergency plan addresses the potential dangers and interventions related to these hazards:

- Spill
- Fire
- Explosion
- Chemical reactions
- Toxic and non-toxic gases
- Earthquake
- Flood
- Hurricane, tornado
- Terrorist attack, war, etc.

The third part deals with the administration of the Emergency plan.



### Liquid collection system

- A liquid collection system is located under the floor of the plant and is connected to an oil separator, thereby minimizing risks to the environment in the case of a spill.