**What is an ECP**

**Introduction:**

What is an Exposure control plan (ECP)? An ECP is a document created by a workplace in response to an identified hazard to document the specific and appropriate controls that will minimize or eliminate that hazard.

Every workplace is responsible for developing an Exposure Control plan in response to an identified risk of exposures to identified potential chemical and gas exposures. In this case the exposure hazard is Carbon Monoxide (CO) gas .

**An effective ECP will:**

* Protect all workers’ health.
* Prevent and contain exposure
* Protect the health of other workers and site visitors
* Establish consistent safe work procedures
* Promote appropriate and proper use of personal protective equipment.

**There are eight essential elements of an ECP.**

1. Purpose
2. Responsibilities
3. Risk identification and assessment, and risk controls.
4. Education and training
5. Safe work procedures
6. Hygiene and decontamination procedures
7. Health monitoring
8. Documentation

**Please Note the following.**

The Exposure control plan template provided “Exposure to Carbon Monoxide During Greenhouse Operations” needs to be completed by the employer or designate to ensure it’s applicable to your workplace and compliant with WorkSafe BC legislation.

Please ensure documents describing the worksite’s specific Safe Work Procedures are available. Procedures required include safe use of pressure washers, personal carbon monoxide detectors operation, Greenhouse washing procedures developed specific to your work site’s requirements and procedure for effective site ventilation control.

**Step 1:**

Please complete company information on your template. Detail name of farm, farm address and site contact information as indicated.

**Employer company information**

|  |
| --- |
| Name: |
| Address: |
| Contact information (names and phone numbers) |

**Step 2:**

Please provide further information to the “Risk identification and assessment” section. Consider the locations and tasks throughout your workplace where workers have the potential exposure to Carbon monoxide and document them on your workplace’s ECP under the following title.

*“Workers are potentially exposed to these sources of CO in our greenhouses:”*

Also further describe the areas where the risk of Carbon monoxide might be greater due to poor ventilation etc. Examples could include Enclosed boiler rooms.

Please document under the following title

“*The exposure risk is greater in these locations, within our greenhouses, where the area is confined, enclosed or ventilation is poor:”*

**Step 3:**

Itemize and describe the purpose of each piece of equipment at the site that emits Carbon Monoxide into the Workplace under the “Exposure control section” in the blank table provided on the ECP template. **“**List of internal combustion engine equipment used within the greenhouse**”**

|  |  |  |
| --- | --- | --- |
| **Equipment** | **Used for** | **When the work will take place (date)** |
|  |  |  |
|  |  |  |