



Methylene Chloride

Exposure Control Plan Template



Revision Log

Date	Revision	Changes/Reason
03/2025	A	Issuance



APPENDIX A:

Methylene Chloride Exposure Control Plan Template



Appendix A

Methylene Chloride Exposure Control Plan

In compliance with the Michigan Tech's Methylene Chloride Workplace Chemical Protection Program (WCPP), all laboratories conducting operations involving methylene chloride, or any mixture containing methylene chloride at or above 0.1% concentration, must complete an Operation Specific **Methylene Chloride Exposure Control Plan**.

Laboratory Management must complete each section of this form to detail specific efforts to comply with the requirements defined in the WCPP. Send the completed form to EHS (ehshelp@mtu.edu) and maintain a copy for your records.

Revision Date:

Lab Manager/PI Name:

Department, Institute, or Research Facility:

Location:

Building:

Room number(s):

Specify specific location within room (hood, bench, workspace, etc.):

Volume of Methylene Chloride solutions used in this operation:

Concentration:



Provide a detailed description of operation.

Explain why elimination or substitution of methylene chloride from this operation is not feasible, not effective, or otherwise not implemented:



Describe engineering controls implemented to reduce exposures.

Engineering controls protect workers by removing hazardous conditions or by placing a barrier between the worker and the hazard. Engineering controls may include ventilation devices (fume hoods, local exhaust ventilation), containment devices (glove boxes), and vapor control devices (cold trap):

Describe administrative or work practice controls implemented to reduce exposures.

This may include standard operating procedure training, posting of signage, how demarcation boundaries are marked, or limiting access to areas with potential methylene chloride exposure.



Describe personal protective equipment required for this operation.

Describe additional safety training required:



List the Regulated Areas in the laboratory and methods of demarcation.

A Regulated Area is any area where airborne concentrations exceed, or there is a reasonable potential to exceed, the exposure limits.



Plan Review and Updates

Laboratory Management: Annual Review and updates to the exposure control plan are mandatory to ensure effectiveness of the exposure controls, identify necessary exposure controls updates, and confirm that all persons are properly trained and implementing the exposure controls.

Updates should reflect any significant changes to compliance with the exposure control requirements. Any change that may reasonably introduce additional sources or increased exposure of **Methylene Chloride** must be documented.

Upon instituting any changes to this form, the revised copy must be submitted to EHS (EHS-help@mtu.edu).

Reviewer	Date of Review	Summary of Revisions



All laboratory personnel, including laboratory management, must complete the Certification.

I have received and completed all of the training required by this plan.

I have received prior approval from my Lab Management to perform this procedure. I agree to contact my Supervisor if I plan to modify this procedure.

[illegible]