

PROGRAM	Chemical Hygiene Plan
Owner: Risk Management Revision No: 01	Document number: RS-004 Date last revised: 7-2-2021

Table of Contents

1.0	Applicability	2
2.0	Scope	2
3.0	Definitions.....	

PROGRAM

<p>PROGRAM</p>	<p>Chemical Hygiene Plan</p>
<p>Owner: Risk Management Revision No: 01</p>	<p>Document number: RS-004 Date last revised: 7-2-2021</p>

Chemical Hygiene Plan

PROGRAM

Owner: Risk Management
Revision No: 01

Document number: RS-004
Date last revised: 7-2

PROGRAM

Chemical Hygiene Plan

PROGRAM

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Owner: Risk Management

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Date last revised: 7-2-2021

Chemical Hygiene Plan

PROGRAM

Owner: Risk Management

Revision No: 01

PROGRAM

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Document number: RS-004
Date last revised: 7-2-2021

Chemical Hygiene Plan

PROGRAM

PROGRAM	Chemical Hygiene Plan
Owner: Risk Management Revision No: 01	Document number: RS-004 Date last revised: 7-2-2021

as light bulb. Some examples of such materials include sodium, potassium, lithium metals and aluminum alkyls.

- a. Stored in a cool, dry place and away from any water source and flammable materials.
- b. Avoid working with water-reactive chemicals when working alone.
- c. Fume hood is recommended to prevent buildup of combustible gases.
- d. Glove boxes should be used when a dry atmosphere is required.
- e. Class D fire extinguisher should be available for use

PROGRAM

Chemical Hygiene Plan

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<p>Owner: Risk Management Revision No: 01</p>	<p>Document number: RS-004 Date last revised: 7-2-2021</p>

PROGRAM	Chemical Hygiene Plan
Owner: Risk Management Revision No: 01	Document number: RS-004 Date last revised: 7-2-2021

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P

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Monitor implementation of this program within their work unit.
Ensure adequate funding is available to support this program.

5.2 Environmental Health and Safety Department

PROGRAM	Chemical Hygiene Plan
Owner: Risk Management Revision No: 01	Document number: RS-004 Date last revised: 7-2-2021

Adhere to the provisions of the Written Chemical Hygiene Plan.
Follow appropriate lab rules and procedures.
Complete general and specific training related to the Chemical Hygiene Plan.
Ability to locate and identify chemical hazard warning signs and Chemical Hygiene Plan.

Chemical Hygiene Plan

PROGRAM

Owner: Risk Management

PROGRAM	Chemical Hygiene Plan
Owner: Risk Management Revision No: 01	Document number: RS-004 Date last revised: 7-2-2021

APPENDIX B

Occupational Exposure to Hazardous Chemicals in Laboratories 29 CFR 1910.1450

Part Number: 1910

Part Title: Occupational Safety and Health Standards

Subpart: Z

Subpart Title: Toxic and Hazardous Substances

Standard Number: [1910.1450](#)

Title: Occupational exposure to hazardous chemicals in laboratories.

Appendix: [A](#); [B](#)

GPO Source: [e-CFR](#)

Scope and application. (1) This section shall apply to all employers engaged in the laboratory use of hazardous chemicals as defined below.

(2) Where this section applies, it shall supersede, for laboratories, the requirements of all other OSHA health standards in 29 CFR part 1910, subpart Z, except as follows:

(i) For any OSHA health standard, only the requirement to limit employee exposure to the specific permissible exposure limit shall apply for laboratories, unless that particular standard states otherwise or unless the conditions of paragraph (a)(2)(iii) of this section apply.

(ii) Prohibition of eye and skin contact where specified by any OSHA health standard shall be observed.

(iii) Where the action level (or in the absence of an action level, the permissible exposure limit) is routinely exceeded for an OSHA regulated substance with exposure monitoring and medical surveillance requirements, paragraphs (d) and (g)(1)(ii) of this section shall apply.

(3) This section shall not apply to:

(i) Uses of hazardous chemicals which do not meet the definition of laboratory use, and in such cases, the employer shall comply with the relevant standard in 29 CFR part 1910, subpart Z, even if such use occurs in a laboratory.

(ii) Laboratory uses of hazardous chemicals which provide no potential for employee exposure. Examples of such conditions might include:

(A) Procedures using chemically-impregnated test media such as Dip-and-Read tests where a reagent strip is dipped into the specimen to be tested and the results are interpreted by comparing the color reaction to a color chart supplied by the manufacturer of the test strip; and

Chemical Hygiene Plan

PROGRAM

Owner: Risk Management

Revision No: 01

Chemical Hygiene Plan

PROGRAM

Owner: Risk Management

Revision No: 01

Chemical Hygiene Plan

PROGRAM

Owner: Risk Management

Revision No: 01

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<p>Owner: Risk Management Revision No: 01</p>	<p style="text-align: right;">Document number: RS-004 Date last revised: 7-2-2021</p>

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