



Checklist 2

*Packaged Chlorine
Customer Safety
and Security*

Edition 5



September 2024



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1. INTRODUCTION

1.1 PURPOSE AND USE

The Chlorine Institute Member Safety and Security Commitment (MSSC) requires chlorine suppliers to assure that each chlorine customer has an effective risk management program in place for the proper handling of chlorine.

This checklist has been prepared to help chlorine suppliers evaluate the capability of North American customers of packaged chlorine (one ton container or smaller) to safely unload and handle chlorine at the facility where the chlorine is used. The checklist is intended only to provide limited information to assist both the supplier of chlorine and its customers. The checklist emphasizes key chlorine-specific recommendations as developed by the Chlorine Institute. The checklist is intended to supplement Institute publications, not replace them. It is not meant to incorporate regulatory or other requirements that may be applicable to the facility. In the United States, facilities using or otherwise handling chlorine may be affected by the Occupational Safety and Health Administration's (OSHA) Process Safety Management (PSM) Rule for Highly Hazardous Chemicals, 29 CFR 1910.119, and/or the Environmental Protection Agency's (EPA) Risk Management Program (RMP), 40 CFR Part 68. Canadian and Mexican facilities may have similar or other regulatory requirements.

This checklist should be completed by either a representative(s) of the chlorine customer facility or by a representative(s) of the chlorine supplier. Both the customer and the supplier should agree in advance on who will complete the checklist and how it will be used. The completed checklist must be kept confidential between the parties unless it is mutually agreed upon that it be released to other parties. The chlorine supplier and customer should have a record retention policy for this checklist and should advise the other party about the policy. The Institute recommends the checklist be completed and used as follows:

- 1) Complete General Customer Information as indicated in Section 2.
- 2) For Sections 2-9, answer each question with a "Yes," "No," or "Not applicable (N/A)" and/or provide a written comment.
 - An "N/A" response is indicated when the item is not applicable to the facility.
 - It is not intended that each item in the completed checklist will have a written comment. Typically, a "Yes" or "N/A" response will not require a comment. Comments should be included when necessary to clarify a response. Such clarification may be helpful to a subsequent reviewer if the response is negative. Some companies may prefer to provide a written comment as a response to a question rather than providing a "Yes" or "No" response. That is acceptable. Comments should be fact-based.

List continues on next page

- 3) Most checklist items include a reference where the item is discussed in more detail in specific Chlorine Institute publications. Section 10 provides a complete listing of such references. **It is recommended that the pamphlets referenced be reviewed when completing the checklist to ensure the item is fully understood.**
- 4) Upon completion of the checklist, the chlorine supplier and customer should discuss the responses and agree to any needed actions or recommendations that would enhance the capability of the chlorine customer to safely unload and handle chlorine.
- 5) The customer should have a process in place to ensure deficiencies are corrected in a timely manner.

See previous page for beginning of list

1.2 CHLORINE INSTITUTE STEWARDSHIP PROGRAM

The Chlorine Institute exists to support the chlor-alkali industry in advancing safe, secure, environmentally compatible, and sustainable production, distribution, and use of its Mission Chemicals.¹

Chlorine Institute members are committed to adopting CI's safety and stewardship initiatives, including pamphlets, checklists, and incident sharing, that will assist members in achieving measurable improvement. For more information on the Institute's stewardship program, visit CI's website at www.chlorineinstitute.org.

1.3 DEFINITIONS AND ACRONYMS

In this pamphlet, the following meanings apply unless otherwise noted:

ANSI	American National Standards Institute, Inc.
CFATS	Chemical Facility Anti-Terrorism Standard
CFR	Code of Federal Regulations
chlorine	dry chlorine, either gas or liquid
CI/Institute	The Chlorine Institute
DOT	Department of Transportation (U.S.)
EPA	Environmental Protection Agency (U.S.)
FIFRA	Federal Insecticide, Fungicide and Rodenticide Act (U.S.)

¹ CI's mission chemicals: chlorine, sodium and potassium hydroxides, sodium hypochlorite, the distribution of vinyl chloride monomer (VCM), and the distribution and use of hydrogen chloride.

LEPC	Local Emergency Planning Committee
MSSC	Member Safety and Security Commitment
NCI ₃	Nitrogen Trichloride
OSHA	Occupational Safety and Health Administration
PPE	Personal Protective Equipment
PSM	Process Safety Management
RMP	Risk Management Program
SARA Title III (EPA)	Superfund Amendments and Reauthorization Act
SCBA	Self-Contained Breathing Apparatus
Scrubbers	Device for removal of chlorine from a stream via reaction, adsorption or absorption.
SDS	Safety Data Sheet
SOP	Standard Operating Procedure

1.4 DISCLAIMER

The information in this document is drawn from sources believed to be reliable. The Institute and its members, jointly and severally, make no guarantee and assume no liability in connection with any of this information. Moreover, it should not be assumed that every acceptable procedure is included or that special circumstances may not warrant a modified or additional procedure. The user should be aware that changes in the applicable laws, regulations or technology may require a change in the recommendations herein. Following the outlined steps are not substitutes for and do not supersede federal, state, provincial, municipal or insurance requirements, or national safety codes.

1.5 PAMPHLET REFERENCE CITATIONS

This checklist contains numerous references, such as CI publications, relevant U.S. Code of Federal Regulations for different agencies, and industry standards, which are listed in an organized manner in Sections 10-12 of this publication. In each location throughout this publication where a reference is made, there will be a citation number immediately following that leads you to the relevant sub-section. As of May 2024, CI began a new format for the inline citations for these references. For example (inline citation shown in bold text),

- Old Format: “See CI Pamphlet 65 (**10.1**) for more details.”
- New Format: “See CI Pamphlet 65^{10.1} for more details.”

This new format will be implemented with new edition publications moving forward.

1.6 APPROVAL

The Product Stewardship Issue Team approved Edition 5 of this pamphlet on September 4, 2024.

1.7 REVISIONS

Suggestions for revision should be directed to the Secretary of the Institute in writing at Secretary@CL2.com.

1.7.1 Significant Revisions in Current Edition:

- General – Updated references to CI Pamphlets throughout, eliminated obsolete references, and improved existing citations.
- Section 2 – Added a place to document who completed the Checklist.
- Section 2 – Separated question regarding customers subject to OSHA and EPA regulations.
- Section 3 – Adjusted question regarding Chemical Facility Anti-Terrorism Standard (CFATS) to be mindful of current authorization status.
- Section 3 – Added a question regarding notification of authorities and suppliers in the event of a container accountability issue.
- Section 5 – Added a question to clearly identify who responds in the event of an emergency.
- Section 5 – Modified question regarding Emergency Response Personal Protective Equipment (PPE) to be broader (the previous question mentioned only Self-Contained Breathing Apparatus (SCBA)).
- Section 5 – Revised inspection question to include Emergency PPE (in addition to Emergency Equipment).
- Section 6 – Modified Section Title to clarify the scope of this section, including transfer equipment and process piping.
- Section 7 – Revised question regarding Vaporizer alarm and shutdown.
- Section 9 (former) – Eliminated. Added a question regarding customer scrubbing capability to Section 5 (see Question 5.10).

1.8 REPRODUCTION

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2. GENERAL CUSTOMER INFORMATION	
Company Name:	
Facility Address:	
Contact Name:	
Title:	Phone:
Email:	Date:
CHECKLIST COMPLETED BY:	
Company Name:	
Representative Name:	
Title:	Phone:
Email:	Date of Completion:

GENERAL CUSTOMER INFORMATION					
<i>Checklist Items</i>	<i>Applicable CI Pamphlets and References</i>	<i>Yes</i>	<i>No</i>	<i>N/A</i>	<i>Comments</i>
2.1 Is the company a member of the Chlorine Institute?	CI Member Safety and Security Commitment (MSSC) ^{10.2}				
2.2 Is the facility subject to the requirements of the U.S. OSHA Process Safety Management (PSM) regulations, 29 CFR 1910.119?	CI Pamphlet 64 ^{10.1} CI Pamphlet 155 Appendix C: Process Safety Management ^{10.1}				
2.3 Is the facility subject to U.S. EPA Risk Management Program (RMP) regulations, 40 CFR Part 68, and SARA Title III Section 313 release reporting?	CI Pamphlet 64 ^{10.1} CI Pamphlet 155 Appendix D: Risk Management Program ^{10.1}				
2.4 What is the maximum number of chlorine cylinders and/or ton containers that are stored at this site?					
2.5 Does the facility/company transport chlorine containers? If yes, there are additional DOT requirements for the company, truck drivers and transportation equipment.	49 CFR ^{12.1} CI Pamphlet 76 ^{10.1} CI Security Guidance: Security Management Plan for the Transportation and On-Site Storage and Use of Chlorine Cylinders, Ton Containers, and Cargo Tanks ^{10.2}				

3. SECURITY					
Checklist Items	Applicable CI Pamphlets and References	Yes	No	N/A	Comments
3.1 Is your facility covered by the Chemical Facility Anti-Terrorism Standard (CFATS), 6 CFR Part 27?*	CI Security Guidance: Site Security Guidance for Chlorine Facilities ^{10.2}				
3.2 If applicable, has the facility conducted a security vulnerability assessment, 6 CFR 27.215?	CI Security Guidance: Site Security Guidance for Chlorine Facilities ^{10.2}				
3.3 If applicable, does the facility have a security plan in place?	CI Security Guidance: Security Management Plan for the Transportation and On-Site Storage and Use of Chlorine Cylinders, Ton Containers, and Cargo Tanks ^{10.2}				
3.4 If transporting chlorine containers, does the facility have a transportation security plan as required by DOT?	49 CFR Part 172 Subpart I ^{12.1} Pamphlet 76 ^{10.1}				

**At the time of Checklist 2 publication, the authorization for the CFATS Program had lapsed. However, in keeping with its safety mission, CI supports the CFATS reauthorization efforts underway at the time of publication and therefore has kept this item on the Checklist. CI encourages continued safety due diligence in anticipation of the program's reauthorization.*

<p>3.5 Does the facility have a process to notify both local authorities and supplier in the event of any tampering, security breach, or unaccounted cylinders or ton containers?</p>	<p>CI Pamphlet 17 Appendix C: Chlorine Ton and Cylinder Inventory Accountability^{10.1} CI Pamphlet 155 Section 8: Security^{10.1} CI Security Guidance: Security Management Plan for the Transportation and On-Site Storage and Use of Chlorine Cylinders, Ton Containers, and Cargo Tanks^{10.2}</p>				
<p>3.6 Have employees had DOT required security awareness training?</p>					

4. PERSONNEL SAFETY AND TRAINING					
Checklist Items	Applicable CI Pamphlets and References	Yes	No	N/A	Comments
4.1 Does the facility have a chlorine-specific training program on the safe use and handling of chlorine and document training for employees, new hires, and contractors?	CI Pamphlet 1 Section 7: Employee Training and Safety ^{10.1} CI Pamphlet 65 Section 12: Training in the Use of Personal Protective Equipment ^{10.1} CI Pamphlet 155 Section 9: Employee Training, Safety, and Personal Protection Equipment ^{10.1}				
4.2 Is a current SDS available for chlorine, and are warning signs, wall charts, SOPs, and/or other safety information used and visible?	CI Pamphlet 1 Section 7: Employee Training and Safety ^{10.1}				
4.3 Does the facility have a Personal Protective Equipment (PPE) policy for chlorine handling and emergency response?	CI Pamphlet 1 Section 7: Employee Training and Safety ^{10.1} CI Pamphlet 65 Section 4: Personal Protective Equipment Selection – Chlorine ^{10.1}				
4.4 Does the facility policy for respiratory protection comply with CI recommendations for chlorine handling and emergency response?	CI Pamphlet 1 Section 7: Employee Training and Safety ^{10.1} CI Pamphlet 63 ^{10.1} CI Pamphlet 65 Section 4: Personal Protective Equipment Selection – Chlorine ^{10.1}				

<p>4.5 Are accidents and incidents investigated and reviewed with operating and other applicable personnel?</p>					
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5. EMERGENCY RESPONSE					
<i>Checklist Items</i>	<i>Applicable CI Pamphlets and References</i>	<i>Yes</i>	<i>No</i>	<i>N/A</i>	<i>Comments</i>
5.1 Does the facility have a documented, up-to-date Emergency Response Plan or Emergency Action Plan that includes chlorine?	CI Pamphlet 1 Section 6: Emergency Measures ^{10.1} CI Pamphlet 64 Section 2: Organizational Planning, Section 4: Planning for Coordination with Outside Agencies ^{10.1}				
5.2 Does the plan appropriately address communication with outside agencies, the media, and the neighboring public?	CI Pamphlet 64 Section 4: Planning for Coordination with Outside Agencies ^{10.1}				
5.3 In the event of a chlorine release, please indicate the party (or parties) that would respond using the Comment Box to the right.					
5.4 If your facility personnel respond, are emergency responders trained in accordance with local, state or provincial, and federal requirements?	CI Pamphlet 64 Section 3: Planning for Handling the Emergency ^{10.1}				
5.5 Are periodic emergency response drills or exercises performed at the facility?	CI Pamphlet 64 Section 3: Planning for Handling the Emergency ^{10.1}				

<p>5.6 Has the facility discussed its plan with the local fire department and the local emergency planning committee (LEPC) if applicable?</p>	<p>CI Pamphlet 64 Section 4: Planning for Coordination with Outside Agencies^{10.1}</p>				
<p>5.7 Does the facility have access to basic emergency equipment (as appropriate)?</p> <ul style="list-style-type: none"> • Emergency Kit A or B • Recovery Vessel (Salvage Cylinder) • Applicable Emergency Response PPE 	<p>CI Pamphlet 1 Section 6: Emergency Measures^{10.1} CI Pamphlet 65 Section 4: Personal Protective Equipment Selection – Chlorine^{10.1} CI Pamphlet 155 Section 10: Emergency Considerations^{10.1} CI Instruction Booklets IB/A, IB/B and IB/RV^{10.1} CI A-VIDEO^{10.1} CI B-VIDEO^{10.1}</p>				
<p>5.8 Is emergency response equipment and PPE inspected regularly and maintained in suitable condition?</p>	<p>CI Pamphlet 65 Section 11: Maintenance of Personal Protective Equipment^{10.1} CI Instruction Booklets IB/A, IB/B and IB/RV^{10.1}</p>				
<p>5.9 Are windsocks or other means of determining wind direction appropriately located and easily visible from all areas of the facility?</p>	<p>CI Pamphlet 1 Section 6: Emergency Measures^{10.1} CI Pamphlet 64 Section 3: Planning for Handling the Emergency^{10.1}</p>				

5.10 Is there a means available to process vent gases and the emergency evacuation of equipment containing chlorine?	CI Pamphlet 89 ^{10.1}				
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6. TRANSFER EQUIPMENT AND PROCESS PIPING (LIQUID AND GASEOUS SERVICE)					
Checklist Items	Applicable CI Pamphlets and References	Yes	No	N/A	Comments
6.1 Do piping, hoses and all components used for chlorine service comply with recommendations of CI, such as metallurgy, schedule (pipe thickness), welding requirements, etc.?	CI Pamphlet 6 ^{10.1} CI Pamphlet 95 ^{10.1}				
6.2 Are components routinely inspected and tested or replaced on a preventive maintenance basis?	CI Pamphlet 6 Section 12: Routine and Periodic Inspection and Maintenance ^{10.1}				
6.3 Is the piping and component system well-marked, clearly visible and protected from damage?	CI Pamphlet 6 Section 10: Piping Layout Design Considerations ^{10.1}				

7. VAPORIZING SYSTEM <i>If a vaporizing system is in use, answer the questions in Section 7. Otherwise, Skip to Section 8.</i>					
Checklist Items	Applicable CI Pamphlets and References	Yes	No	N/A	Comments
7.1 Is the vaporizer heating medium non-organic based, limited to less than 250°F (121°C) and at a lower pressure than the chlorine supply pressure?	CI Pamphlet 9 Section 3: Design ^{10.1}				
7.2 Is the vaporizer designed with a low temperature alarm/shutdown based upon equipment manufacturer recommendation?	CI Pamphlet 9 Section 3: Design ^{10.1}				
7.3 Is the vaporizer outlet equipped with a pressure relief valve?	CI Pamphlet 9 Section 4: Controls and Indicators ^{10.1}				
7.4 Does the facility have a scheduled and routine inspection program for the vaporizer, including steps to monitor nitrogen trichloride levels in areas where it can accumulate?	CI Pamphlet 9 Section 5: Safety, Section 8: Maintenance ^{10.1} CI Pamphlet 152 Section 5: Control and monitoring of NCl ₃ and NCl ₃ sources, Section 7: Limiting Levels of NCl ₃ , Section 8: Design/Operating Concerns and Considerations ^{10.1}				
7.5 Is there adequate backflow protection for the vaporizer?	CI Pamphlet 9 Section 5: Safety ^{10.1}				

8. STORAGE AND USE AREAS					
Checklist Items	Applicable CI Pamphlets and References	Yes	No	N/A	Comments
8.1 Are cylinders and ton containers segregated and properly secured as defined by the applicable fire and building codes and stored away from any heat source?	CI Pamphlet 1 Section 4: Cylinders and Ton Containers ^{10.1} CI Pamphlet 155 Section 7: Building/Structure Concerns ^{10.1}				
8.2 Are cylinder and ton container protective housings in place during storage and shipment?	CI Pamphlet 1 Section 4.6: Cylinder and Ton Container Handling ^{10.1}				
8.3 Are full ton containers stored so that each end is accessible in case an Emergency Kit B is needed?	CI Pamphlet 17 Section 2: Packaging Plant Design and Maintenance ^{10.1}				
8.4 Are supplier's U.S. EPA FIFRA Labels properly left in place, attached to containers at all times?	CI Pamphlet 17 Section 11: Key Regulations and Codes ^{10.1}				
8.5 Does the facility have chlorine monitoring and leak detection equipment in the cylinder and ton container storage and use areas?	CI Pamphlet 64 Section 3: Planning for Handling the Emergency ^{10.1} CI Pamphlet 73 ^{10.1} CI Pamphlet 155 Section 7: Building/Structure Concerns ^{10.1}				

8.6	Is monitoring equipment interfaced into an alarm system with appropriate detection set points and routinely inspected and calibrated?	CI Pamphlet 64 Section 3: Planning for Handling the Emergency ^{10.1} CI Pamphlet 73 ^{10.1} CI Pamphlet 155 Section 7: Building/Structure Concerns ^{10.1}				
8.7	Is the storage area free from debris and flammable materials?	CI Pamphlet 1 Section 3: Cylinders and Ton Containers ^{10.1} CI Pamphlet 155 Section 4: Transportation, Storage, and Handling of Containers, Section 7: Building/Structure Concerns ^{10.1}				
8.8	Are appropriate lifting devices being utilized to move ton containers?	CI Pamphlet 1 Section 3: Cylinders and Ton Containers ^{10.1} CI Pamphlet 76 Section 3.2: Ton Container Loading and Unloading ^{10.1} CI Pamphlet 155 Section 4: Transportation, Storage, and Handling of Containers ^{10.1}				
8.9	Are written operating procedures available and being utilized by employees that address the appropriate steps for connecting and disconnecting cylinder and ton containers?	CI Pamphlet 155 Section 6: Connecting and Unloading to the System ^{10.1}				
8.10	Does the facility have an inventory management accountability system for tracking chlorine containers?	CI Pamphlet 17 Appendix C: Chlorine Ton and Cylinder Inventory Accountability ^{10.1}				

<p>8.11 Does the chlorine room have adequate ventilation, and has the discharge location been evaluated and identified as a potential hazard?</p>	<p>CI Pamphlet 155 Section 7: Building/Structure Concerns^{10.1}</p>				
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9. SAFETY SHOWERS/EYEWASH STATIONS					
<i>Checklist Items</i>	<i>Applicable CI Pamphlets and References</i>	<i>Yes</i>	<i>No</i>	<i>N/A</i>	<i>Comments</i>
9.1 Are safety showers and eyewash stations appropriately located and easily accessible from all areas?	CI Pamphlet 1 Section 7: Employee Training and Safety ^{10.1} ANSI Standard Z358.1				
9.2 Are the safety showers and eyewash stations inspected weekly for proper operation?	CI Pamphlet 1 Section 7: Employee Training and Safety ^{10.1} ANSI Standard Z358.1 ^{11.1}				
9.3 Are employees aware of how long they need to stay under the safety shower and eye wash station after exposure to chemicals?	CI Pamphlet 63 Section 3: First Aid ^{10.1}				

10. REFERENCES

10.1 CI REFERENCES

The following publications are specifically referenced in CI Pamphlet #. The latest editions of CI publications may be obtained at:

<http://www.chlorineinstitute.org>.<http://www.chlorineinstitute.org/>.

CI Pamphlet #,

Instruction Booklet, and Video

Title

1	<i>Chlorine Basics</i> , ed. 9; Pamphlet 1; The Chlorine Institute: Arlington, VA, 2023 .
6	<i>Piping Systems for Dry Chlorine</i> , ed. 17; Pamphlet 6; The Chlorine Institute: Arlington, VA, 2020 .
9	<i>Chlorine Vaporizing Systems</i> , ed. 9; Pamphlet 9; The Chlorine Institute: Arlington, VA, 2024 .
17	<i>Packaging Plant Safety and Operational Guidelines</i> , ed. 6; Pamphlet 17; The Chlorine Institute: Arlington, VA, 2023 .
63	<i>First Aid, Medical Management/Medical Evaluation and Occupational Hygiene Monitoring Practices for Chlorine</i> , ed. 10; Pamphlet 63; The Chlorine Institute: Arlington, VA, 2023 .
64	<i>Emergency Response Plans for Chlor-Alkali, Sodium Hypochlorite, and Hydrogen Chloride Facilities</i> , ed. 8; Pamphlet 64; The Chlorine Institute: Arlington, VA, 2020 .
65	<i>Personal Protective Equipment for Chlor-Alkali Chemicals</i> , ed. 7; Pamphlet 65; The Chlorine Institute: Arlington, VA, 2021 .
73	<i>Atmospheric Monitoring Equipment for Chlorine</i> , ed. 9; Pamphlet 73; The Chlorine Institute: Arlington, VA, 2021 .
76	<i>Guidelines for the Safe Motor Vehicular Transportation of Chlorine Cylinders and Ton Containers</i> , ed. 7; Pamphlet 76; The Chlorine Institute: Arlington, VA, 2024 .
89	<i>Chlorine Scrubbing Systems</i> , ed. 5; Pamphlet 89; The Chlorine Institute: Arlington, VA, 2021 .
95	<i>Gaskets for Chlorine Service</i> , ed. 6; Pamphlet 95; The Chlorine Institute: Arlington, VA, 2021 .

152	<i>Safe Handling of Chlorine Containing Nitrogen Trichloride</i> , ed. 5; Pamphlet 152; The Chlorine Institute: Arlington, VA, 2024 .
155	<i>Water and Wastewater Operators Chlorine Handbook</i> , ed. 4; Pamphlet 155; The Chlorine Institute: Arlington, VA, 2023 .
IB/A	<i>Instruction Booklet: Chlorine Institute Emergency Kit “A” for 100-lb and 150-lb Chlorine Cylinders</i> , ed. 13 revision 1; IB/A; The Chlorine Institute: Arlington, VA, 2023 .
IB/B	<i>Instruction Booklet: Chlorine Institute Emergency Kit “B” for Chlorine Ton Containers</i> , ed. 12 revision 1; IB/B; The Chlorine Institute: Arlington, VA, 2023 .
IB/RV	<i>Instruction Booklet: Chlorine Institute Recovery Vessel (Salvage Cylinder) for 100-lb. and 150-lb. Chlorine Cylinders</i> , ed. 3; IB/RV; The Chlorine Institute: Arlington, VA, 2021 .
A Video	<i>Emergency Kit “A” and Recovery Vessel Instructional Video</i> , ed. 4; A-VIDEO; The Chlorine Institute: Arlington, VA, 2014 .
B Video	<i>Emergency Kit “B” for Chlorine Ton Containers</i> , ed. 3; B-VIDEO; The Chlorine Institute: Arlington, VA, 2014 .

10.2 OTHER CHLORINE INSTITUTE REFERENCES

10.2.1 *CI Security Guidance – Site Security Guidance for Chlorine Facilities*; The Chlorine Institute: Arlington, VA, **2019**.

10.2.2 *CI Security Guidance – The Security Management Plan for the Transportation and On-Site Storage and Use of Chlorine Cylinders, Ton Containers, and Cargo Tanks*, ed. 1; The Chlorine Institute: Arlington, VA, **2019**.

10.2.3 *The Chlorine Institute – Member Safety and Security Commitment (MSSC)*, The Chlorine Institute: Arlington, VA, **2024**.

11. **PRINT PUBLICATION REFERENCES**

11.1 ANSI PUBLICATIONS

ANSI/ISEA Z358.1-2014 (R2020) American National Standard for Emergency Eyewash and Shower Equipment, ANSI: Washington D.C. **2014**.

12. REGULATION REFERENCES

12.1 U.S. GOVERNMENT REGULATIONS AND SPECIFICATIONS

All U.S. regulations and specifications are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20401.

Website: www.gpo.gov

12.1.1 American National Standards (ANSI)

Website: <https://webstore.ansi.org/>

12.1.2 Code of Federal Regulations (CFR)

Website:

<https://www.ecfr.gov/cgi-bin/ECFR?page=browseprevious&pitd=00000000&SID=4976978cb264d9070493e1814ff6093e>

- DHS Regulations (CFR Title 6)

Website: <https://www.dhs.gov/key-dhs-laws>

Website: <https://www.ecfr.gov/current/title-6>

- DOT Regulations (CFR Title 49)

Website: <https://www.ecfr.gov/current/title-49>

- EPA Regulations (CFR Title 40)

Website: <https://www.ecfr.gov/current/title-40>

- OSHA Regulations (CFR Title 29)

Website: <https://www.osha.gov/law-regs.html>

Website: <https://www.ecfr.gov/current/title-29>

12.2 CANADIAN REGULATIONS

Canadian Environmental Protection Act, 1999 (CEPA 1999) and E2 Regulations; Environment Canada: Gatineau, Quebec, **2013**.

Website: <https://www.ec.gc.ca/lcpe-cepa/default.asp?lang=En&n=26A03BFA-1>

CEPA 1999 Act: https://www.ec.gc.ca/lcpe-cepa/26A03BFA-C67E-4322-AFCA-2C40015E741C/lcpe-cepa_201310125_loi-bill.pdf

E2 Regulations: <https://www.canada.ca/en/environment-climate-change/services/environmental-emergencies-program/regulations.html>

12.2.1 Canadian Transportation of Dangerous Goods Act and Regulations; Transport Canada: Ottawa, Ontario, **2009**.

Website: <http://tc.gc.ca/tdg>

12.3 OTHER REFERENCES

12.3.1 EPA SARA Title III

Website: <https://www.epa.gov/laws-regulations/summary-emergency-planning-community-right-know-act>



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