

CHEM2	Violation Code	Description	Deficiency Y/N
A.GEN	A. General Safety Issues		
	01	<p><b>Floor surfaces are not in good condition (dirty, wet, uneven, with debris, loose tiles, etc.)</b>  <i>All walking surfaces shall be in good condition to prevent slips and falls.</i></p> <p><i>Regulatory and Institutional references: [29 CFR 1919.22][Prudent Practices 5.c.3]</i></p>	Y
	02	<p><b>Paths of egress have less than 36" or are obstructed.</b>  <i>Means of egress may not be obstructed. Hallways and stairwells may not be used for storage and shall be kept clear</i></p> <p><i>Regulatory and Institutional references: [29 CFR 1910.37][29 CFR 1910.35][NFPA Chap 101-7.3.2.3]</i></p>	Y
	03	<p><b>Stored items are not on secured shelves or block safety equipment (fire extinguisher, safety shower/eye wash, electrical panel, or emergency shutoff is not clear)</b>  <i>Stored items may not obstruct safety equipment, emergency shutoffs, or be positioned so as to present a falling hazard.</i></p> <p><i>Regulatory and Institutional references: [29 CFR 1910.176][ANSI Z358.1-2004][NEC 110-16]</i></p>	Y
	04	<p><b>Refrigerators, microwaves, and ice machines fail to have proper signage: "No Food or Drink," "Not for Human Consumption" (in laboratories; or "Food and Drink Only," (in non-laboratory areas)</b>  <i>Refrigerators, microwaves, and ice machines must be labeled so as to preclude contamination of personnel.</i></p>	Y
	05	<p><b>There is evidence of eating, drinking, smoking, or applying makeup in proximity of hazardous materials.</b>  <i>Eating, drinking, gum chewing, and cosmetic application (i.e. hand creams, lip balm) are not permitted in areas where chemicals are stored or used.</i></p> <p><i>Regulatory and Institutional references: [Prudent Practices 5.C.2.2]</i></p>	Y

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A.GEN	<b>A. General Safety Issues</b>		
	06	<p><b>General housekeeping and cleanliness are poor.</b>  <i>Spills are to be cleaned when they happen. Work areas shall be maintained so as to minimize hazards.</i></p> <p><i>Regulatory and Institutional references: [Prudent Practices 5.C.3]</i></p>	Y
C.CGC	<b>C. Compressed Gas Cylinders</b>		
	07	<p><b>Gas cylinders not in use are stored without caps.</b>  <i>Where compressed gas cylinders are designed to accept valve-protection caps, the user shall keep such caps secured on the compressed gas cylinder at all times, except when being processed or connected for use.</i></p> <p><i>Regulatory and Institutional references: [CGA Handbook][NFPA Chap 55-7.1.5.2]</i></p>	Y
	08	<p><b>Gas cylinders are not secured to a fixed object.</b>  <i>Compressed gas cylinders in use or in storage shall be secured to prevent them from falling or being knocked over by corraling them and securing them to a cart, framework, or fixed object by use of a restraint.</i></p> <p><i>Regulatory and Institutional references: [CGA Handbook][NFPA Chap 55-7.1.4.4]</i></p>	Y
	09	<p><b>Gas cylinders are not labeled with their contents.</b>  <i>Individual compressed gas containers, cylinders, or tanks shall be marked or labeled in accordance with DOT requirements.</i></p> <p><i>Regulatory and Institutional references: [CGA Handbook][NFPA Chap 55-7.1.3.1]</i></p>	Y
	10	<p><b>Gas lines are not free from leaks, burns, worn areas, or defects.</b>  <i>All equipment associated with compressed gas usage shall be kept free of defects.</i></p> <p><i>Regulatory and Institutional references: [29 CFR 1910.253(e)(5)(v)]</i></p>	Y

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C.CGC	C. Compressed Gas Cylinders		
	11	<p><b>Compressed air used for cleaning is at or above 30 psi and/or there is insufficient PPE.</b>  <i>Compressed air shall not be used for cleaning purposes except where reduced to less than 30 psi and then only with effective chip guarding and personal protective equipment.</i></p> <p><i>Regulatory and Institutional references: [29 CFR 1910.242(b)]</i></p>	Y
D.ER	D. Emergency Resposne		
	15	<p><b>There is not 18" clearance below all sprinkler heads.</b>  <i>An 18" radius from a sprinkler head shall be maintained at all times</i></p> <p><i>Regulatory and Institutional references: [NFPA Chap 13-8.5.6.1]</i></p>	Y
	16	<p><b>Emergency Repsonse Flipchart is not posted.</b>  <i>Emergency Response reference information should be posted in all work areas where chemicals are used.</i></p> <p><i>Regulatory and Institutional references: [29 CFR 1910.156]</i></p>	Y
	17	<p><b>Areas with hazardous materials do not have NFPA 704 placard posted.</b>  <i>All work area rooms where chemicals are stored must have a Chemical Placard Sign posted with names and phone numbers for personnel to be contacted in the event of an emergency. NFPA hazard ratings for each room and other hazard warning symbols are required.</i></p> <p><i>Regulatory and Institutional references: [MCG P&amp;P 4.2.04]</i></p>	Y
	18	<p><b>Storage areas have excessive accumulation of materials that constitute a fire hazard.</b>  <i>Storage areas shall be kept free from accumulation of materials that constitute hazards from fire, explosion, or pest harborage.</i></p> <p><i>Regulatory and Institutional references: [29 CFR 1910.176]</i></p>	Y

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D.ER	D. Emergency Resposne		
	19	<p><b>There is no GA Right-To-Know signage posted.</b>  <i>All areas must post the Georgia Department of Labor (DOL) Right-To-Know poster. For copies of the poster contact the Chemical Safety Office at 1-2663.</i></p> <p><i>Regulatory and Institutional references: [GA Code 45-22-8]</i></p>	Y
	20	<p><b>Safety equipment: Fire extinguisher or spill control supplies are not present.</b>  <i>Shops and clinics will maintain adequate equipment and supplies to be able to address small fires and chemical spills.</i></p> <p><i>Regulatory and Institutional references: [29 CFR 1910.157 &amp; .132(d)(02)]</i></p>	Y
E.HAZ	E. Hazardous Chemicals & Waste		
	21	<p><b>The chemical inventory has not been updated in the Chemical Database.</b>  <i>Accurate chemical inventories are required under federal, state, and local regulations. Contact the Chemical Safety Office to get access to the database and/or training on its use to keep the chemical inventory under your control current.</i></p> <p><i>Regulatory and Institutional references: [40 CFR 355&amp;372; GA Code 45-22-9; BOR-USG Hazardous Chemical Protection Communication Policy; MCG P&amp;P 4.2.04.3.1; MCG Chemical Safety Guide Chap II.H]</i></p>	Y
	22	<p><b>Pesonnel do not know how to retrieve a MSDS.</b>  <i>Hard copies of Material Safety Data Sheets (MSDS) are maintained in the Chemical Safety Office. Any employee may contact the Chemical Safety Office at 1-2663 to request a copy or go to the Chemical Safety Office web page at <a href="http://www.mcg.edu/services/ehs/chemsafe/MSDSLlinks.htm">http://www.mcg.edu/services/ehs/chemsafe/MSDSLlinks.htm</a> to search for a vendor specific on-line copy. The Chemical Safety Office can provide training upon request in how to read, interpret, and use a MSDS.</i></p> <p><i>Regulatory and Institutional references: [29 CFR 1910.1200(a)(3)(ii)]</i></p>	Y
	23	<p><b>Chemicals are not stored according to manufacturer's advice and/or compatibility, or not used in a way to avoid contamination to personnel or environment.</b>  <i>Chemicals must be segregated by hazard class and compatibility. At a minimum, Flammables/Combustibles; Oxidizers; Poisons/Toxins; Acids; Bases/Alkalines; Pyrophoric and Water Reactives; and Environmentally Hazardous chemicals should have their own designated storage areas within the shop/laboratory. Contact the Chemical Safety Office at 1-2663 if you need assistance with hazard and compatibility segregation for storage of chemicals.</i></p> <p><i>Regulatory and Institutional references: [NFPA 45-7-2.3.4; Prudent Practices 4.E.1]</i></p>	Y

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<b>E.HAZ</b>	<b>E. Hazardous Chemicals &amp; Waste</b>		
24		<p><b>Metal containers used for storing or dispensing flammable liquids do not have adequate bonding or grounding.</b>  <i>Class I flammable liquids shall not be dispensed into containers unless the nozzle and container are electrically interconnected.</i></p> <p><i>Regulatory and Institutional references: [29 CFR 1910.106(e)(6)(ii) ; NFPA 30 Chap 4]</i></p>	Y
25		<p><b>There is evidence of spills or leaks.</b>  <i>Chemical leaks are to be contained and spill cleaned immediately. Any accumulation of chemicals on work surfaces or on floors are to be cleaned before the end of the shift.</i></p> <p><i>Regulatory and Institutional references: [29 CFR 1910.106]</i></p>	Y
26		<p><b>All containers, including non-hazardous chemicals and waste are not legibly labeled with the full chemical or trade name.</b>  <i>Chemical containers must be in good condition, closed and affixed with the manufacturer's label.</i></p> <p><i>Regulatory and Institutional references: [MCG P&amp;P 4.2.01(3.3)]</i></p>	Y
<b>F.EQP</b>	<b>F. Safety Equipment</b>		
12		<p><b>There is inadequate eye wash, safety showers for personnel handling hazardous materials.</b>  <i>Where the eyes or body of any person may be exposed to injurious materials, eye wash and safety shower shall be maintained for quick drenching and flushing of the eyes and body.</i></p> <p><i>Regulatory and Institutional references: [29 CFR 1910.151]</i></p>	Y
13		<p><b>PPE is not properly maintained.</b>  <i>All Personal Protective Equipment (PPE) necessary by reason of the hazards of processes or environment shall be provided, used, and maintained in a sanitary and reliable condition.</i></p> <p><i>Regulatory and Institutional references: [29 CFR 1910.132(a)]</i></p>	Y

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F.EQP	F. Safety Equipment		
14		<p><b>PPE for identified hazards are not available.</b>  <i>The employer shall verify that the required work place hazard assessment has been performed and that adequate Personal Protective Equipment (PPE) has been provided to the employee with training.</i></p> <p><i>Regulatory and Institutional references: [29 CFR 1910.132(d)(2)]</i></p>	Y
G.WAS	G. Hazardous Waste		
27		<p><b>The Satellite Accumulation Area (SAA) is not under the control of generator or is not at, or near point of generation.</b>  <i>The Satellite Accumulation Area shall be under the direct control of the generator of the waste and located at or near the point of generation.</i></p> <p><i>Regulatory and Institutional references: [40 CFR 262.34(c)(1)]</i></p>	Y
28		<p><b>There is more than 55 gals of hazardous waste and/or more than 1 qt of acutely hazardous (P) waste at a single location that has not been moved to the Central Accumulation Area (CAA) within 3 days.</b>  <i>Hazardous waste in excess of 55 gallons or 1 quart of acutely hazardous (P) waste must be moved to the Central Accumulation Area within 3 days.</i></p> <p><i>Regulatory and Institutional references: [40 CFR 262.34(c)(1) and (2)]</i></p>	Y
29		<p><b>Containers are either not compatible to the material in them or not in good condition.</b>  <i>Hazardous waste must be compatible with the waste container. The container has to be in good condition, free of defects, dents, or corrosion.</i></p> <p><i>Regulatory &amp; Institutional References: [40 CFR 262.34(c)(1)(i) and 40 CFR 265.172]</i></p>	Y
30		<p><b>Containers are not marked as "Hazardous Waste" and/or not closed.</b>  <i>Hazardous waste containers must be labeled with the following information: the words "Hazardous Waste;" name of the chemical components, legible, in English, and no abbreviations or formulae, percentage of each component, building and room number. The container must be closed such that if tipped, nothing will leak out.</i></p> <p><i>Regulatory and Institutional References: [40 CFR 262.34(c)(1)(i) and (ii)]</i></p>	Y

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G.WAS	<b>G. Hazardous Waste</b>		
	31	<p><b>Hazardous waste is improperly disposed.</b>  <i>No hazardous waste may be disposed of by means of evaporation, improper neutralization, general trash, dilution for disposal purposes, nor drain disposed.</i></p> <p><i>Regulatory and Institutional references: [40 CFR 262.11]</i></p>	Y
	32	<p><b>Waste is not secondarily contained.</b>  <i>Nothing shall be permitted to be discharged to the sewer system that would interfere with compliance to the Clean Water Act (33USC 1251 et.seq.).</i></p> <p><i>Regulatory and institutional references: [Richmond County (GA) Sewer Use Ordinance]</i></p>	Y
	35	<p><b>Waste determination have not been made for all waste streams generated</b>  <i>A waste generator must determine if the waste is a hazardous waste. Contact the Chemical Safety Office at 706-721-2663 for assistance to determine if a waste is hazardous.</i></p> <p><i>40 CFR 262.11</i></p>	Y
H.Oth	<b>H. Other Safety Issues - Not previously Stated</b>		
	OTHER	<b>Other safety issues not previously stated.</b>	Y
NOV	<b>No Deficiencies or Violations Found</b>		
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