

## Michigan Contingency Plan Requirements: Regulatory Cross-Comparison Matrix

Rule Number on Matrix	Regulation Part	Rule Part	Rule Description
<b>CIS MIOSHA</b>			
408.10608(1)	Part 6. Fire Exits	Notification of emergency escape procedures and routes; designation of evacuation assistants.	An employer shall assure that employees are informed of emergency escape procedures and emergency routes to approved means of egress.
408.10608(2)	Part 6. Fire Exits	Notification of emergency escape procedures and routes; designation of evacuation assistants.	An employer shall designate a sufficient number of persons to assist in the safe and orderly emergency evacuation of employees.
408.17704(1)	Part 77. Grain Handling Facilities	Employee emergency plan and fire prevention plan.	The emergency action plan shall be in writing,... and shall cover those designated actions employers and employees must take to ensure employee safety from fire and other emergencies.
408.17704(2)	Part 77. Grain Handling Facilities	Employee emergency plan and fire prevention plan.	All of the following elements shall be included in the plan:
408.17704(2)(a)	Part 77. Grain Handling Facilities	Employee emergency plan and fire prevention plan.	Emergency escape procedures and emergency escape route assignments.
408.17704(2)(b)	Part 77. Grain Handling Facilities	Employee emergency plan and fire prevention plan.	Procedures to be followed by employees who remain to operate critical plant operations before they evacuate.
408.17704(2)(c)	Part 77. Grain Handling Facilities	Employee emergency plan and fire prevention plan.	Procedures to account for all employees after emergency evacuation has been completed.
408.17704(2)(d)	Part 77. Grain Handling Facilities	Employee emergency plan and fire prevention plan.	Rescue and medical duties for those employees who are trained to perform them.
408.17704(2)(e)	Part 77. Grain Handling Facilities	Employee emergency plan and fire prevention plan.	The preferred means of reporting fires and other emergencies.
408.17704(2)(f)	Part 77. Grain Handling Facilities	Employee emergency plan and fire prevention plan.	Names or regular job titles of persons or departments that can be contacted for further information or explanation of duties under the plan.
408.17704(3)(a)	Part 77. Grain Handling Facilities	Employee emergency plan and fire prevention plan.	An employer shall establish an employee alarm system which complies with R 408.17717.
408.17704(3)(b)	Part 77. Grain Handling Facilities	Employee emergency plan and fire prevention plan.	If the employee alarm system is used for altering fire brigade members or for other purposes, a distinctive signal for each purpose shall be used.
408.17704(4)	Part 77. Grain Handling Facilities	Employee emergency plan and fire prevention plan.	An employer shall establish, in the emergency action plan, the types of evacuation to be used in emergency circumstances.



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408.17704(5)	Part 77. Grain Handling Facilities	Employee emergency plan and fire prevention plan.	Before implementing the emergency action plan, an employer shall designate and train a sufficient number of persons to assist in the safe and orderly emergency evacuation of employees.
408.17704(6)	Part 77. Grain Handling Facilities	Employee emergency plan and fire prevention plan.	An employer shall review the plan with each employee covered by the plan at all of the following times:
408.17704(7)	Part 77. Grain Handling Facilities	Employee emergency plan and fire prevention plan.	An employer shall review, with each employee, upon initial assignment, those parts of the plan.... The written plan shall be kept at the workplace and made available....
408.17717	Part 77. Grain Handling Facilities	Employee alarm systems generally.	
408.17717(2)	Part 77. Grain Handling Facilities	Employee alarm systems generally.	The requirements in this rule... shall apply to all local fire alarm signaling systems used for alerting employees, regardless of the other functions of the the systems.
1910.119	Parts 91 & 591. Process Safety Management of Highly Hazardous Chemicals	408.49102. Adoption of standards by reference. 325.18302. Adoption by reference of federal regulations. (Refers to 29 CFR 1910.119)	Process safety management of highly hazardous chemicals.
1910.119(d)(2)	Parts 91 & 591. Process Safety Management of Highly Hazardous Chemicals	Process safety information.	Information pertaining to the technology of the process.
1910.119(d)(3)	Parts 91 & 591. Process Safety Management of Highly Hazardous Chemicals	Process safety information.	Information pertaining to the equipment in the process.
1910.119(e)	Parts 91 & 591. Process Safety Management of Highly Hazardous Chemicals	Process hazard analysis.	
1910.119(e)(3)(ii)	Parts 91 & 591. Process Safety Management of Highly Hazardous Chemicals	Process hazard analysis.	The identification of any previous incident which had a likely potential for catastrophic consequences in the workplace;
1910.119(e)(3)(iii)	Parts 91 & 591. Process Safety Management of Highly Hazardous Chemicals	Process hazard analysis.	Engineering and administrative controls... such as appropriate application of detection methodologies to provide early warning of releases.
1910.119(e)(4)	Parts 91 & 591. Process Safety Management of Highly Hazardous Chemicals	Process hazard analysis.	The process hazard analysis shall be performed by a team with expertise....
1910.119(e)(5)	Parts 91 & 591. Process Safety Management of Highly Hazardous Chemicals	Process hazard analysis.	The employer shall establish a system to promptly address the team's findings and recommendations....
1910.119(e)(6)	Parts 91 & 591. Process Safety Management of Highly Hazardous Chemicals	Process hazard analysis.	At least every 5 years... the process hazard analysis shall be updated and revalidated....
1910.119(f)(1)(i)(D)	Parts 91 & 591. Process Safety Management of Highly Hazardous Chemicals	Operating procedures.	Emergency shutdown....



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1910.119(f)(1)(i)(E)	Parts 91 & 591. Process Safety Management of Highly Hazardous Chemicals	Operating procedures.	Emergency operations;
1910.119(f)(1)(i)(G)	Parts 91 & 591. Process Safety Management of Highly Hazardous Chemicals	Operating procedures.	Startup following a turnaround, or after an emergency shutdown.
1910.119(g)(1)(i)	Parts 91 & 591. Process Safety Management of Highly Hazardous Chemicals	Training.	Each employee... shall be trained... on the specific safety and health hazards, emergency operations including shutdown, and safework practices....
1910.119(j)(4)	Parts 91 & 591. Process Safety Management of Highly Hazardous Chemicals	Mechanical integrity.	Inspection and testing.
1910.119(j)(5)	Parts 91 & 591. Process Safety Management of Highly Hazardous Chemicals	Mechanical integrity.	Equipment deficiencies....
1910.119(l)	Parts 91 & 591. Process Safety Management of Highly Hazardous Chemicals	Management of change.	
1910.119(m)	Parts 91 & 591. Process Safety Management of Highly Hazardous Chemicals	Incident Investigation.	
1910.119(n)	Parts 91 & 591. Process Safety Management of Highly Hazardous Chemicals	Emergency planning and response.	
1910.119(o)(1)	Parts 91 & 591. Process Safety Management of Highly Hazardous Chemicals	Compliance audits.	Employers shall certify that they have evaluated compliance with the provisions of this section at least every 3 years....

**CIS MIOSHA  
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325.52124	Part 553. Emergency Planning & Response	Decontamination	
325.52125(1)	Part 553. Emergency Planning & Response	Emergency operations at hazardous waste sites.	An emergency response plan shall be developed and implemented by all employees... to handle anticipated emergencies before start-up of hazardous waste operations....
325.52125(2)(a)	Part 553. Emergency Planning & Response	Emergency operations at hazardous waste sites.	Pre-emergency planning.
325.52125(2)(b)	Part 553. Emergency Planning & Response	Emergency operations at hazardous waste sites.	Personnel roles, lines of authority, training, and communication.
325.52125(2)(c)	Part 553. Emergency Planning & Response	Emergency operations at hazardous waste sites.	Emergency recognition and prevention.
325.52125(2)(d)	Part 553. Emergency Planning & Response	Emergency operations at hazardous waste sites.	Safe distances and places of refuge.
325.52125(2)(e)	Part 553. Emergency Planning & Response	Emergency operations at hazardous waste sites.	Site security and control.



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325.52125(2)(f)	Part 553. Emergency Planning & Response	Emergency operations at hazardous waste sites.	Evacuation routes and procedures.
325.52125(2)(g)	Part 553. Emergency Planning & Response	Emergency operations at hazardous waste sites.	Decontamination.
325.52125(2)(h)	Part 553. Emergency Planning & Response	Emergency operations at hazardous waste sites.	Emergency medical treatment and first aid.
325.52125(2)(i)	Part 553. Emergency Planning & Response	Emergency operations at hazardous waste sites.	Emergency alerting and response procedures.
325.52125(2)(j)	Part 553. Emergency Planning & Response	Emergency operations at hazardous waste sites.	A critique of response and follow-up.
325.52125(2)(k)	Part 553. Emergency Planning & Response	Emergency operations at hazardous waste sites.	PPE and emergency equipment.
325.52125(3)(a)	Part 553. Emergency Planning & Response	Emergency operations at hazardous waste sites.	(For hazardous waste cleanup site:) Site topography, layout, and prevailing weather conditions.
325.52125(3)(b)	Part 553. Emergency Planning & Response	Emergency operations at hazardous waste sites.	(For hazardous waste cleanup site:) Procedures for reporting incidents to local, state, and federal governmental agencies.
325.52125(4)	Part 553. Emergency Planning & Response	Emergency operations at hazardous waste sites.	The emergency response plan... shall be compatible and integrated with disaster, fire or emergency response plans of local, state, and federal agencies.
325.52125(5)	Part 553. Emergency Planning & Response	Emergency operations at hazardous waste sites.	The emergency response plan shall be rehearsed regularly...and shall be reviewed periodically and amended, as necessary,....
325.52125(7)	Part 553. Emergency Planning & Response	Emergency operations at hazardous waste sites.	Based upon the information available at the time of an emergency, an employer shall evaluate the incident and site response capabilities and proceed with the appropriate steps to implement the site emergency response plan.
325.52129(9)(a)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	An emergency response plan shall be developed and implemented....
325.52129(9)(b)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	An employer who will evacuate its employees... (shall develop and implement) an emergency action plan....
325.52129(9)(c)(i)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	Pre-emergency planning and coordination with outside parties.



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325.52129(9)(c)(ii)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	Personnel roles, lines of authority, and communication.
325.52129(9)(c)(iii)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	Emergency recognition and prevention.
325.52129(9)(c)(iv)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	Safe distances and places of refuge.
325.52129(9)(c)(v)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	Site security and control.
325.52129(9)(c)(vi)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	Evacuation routes and procedures.
325.52129(9)(c)(vii)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	Decontamination procedures.
325.52129(9)(c)(viii)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	Emergency medical treatment and first aid.
325.52129(9)(c)(ix)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	Emergency alerting and response procedures.
325.52129(9)(c)(x)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	Critique of response and follow-up.
325.52129(9)(c)(xi)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	PPE and emergency equipment.
325.52129(9)(d)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	An employer shall provide and complete training for emergency response employees....
325.52129(9)(e)(i)(A)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	Site topography, layout, and prevailing weather conditions.



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325.52129(9)(e)(i)(B)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	Procedures for reporting incidents to local, state, and federal governmental agencies.
325.52129(9)(e)(ii)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	The emergency response plan shall be compatible and integrated with the disaster, fire and emergency response plans of local, state, and federal agencies.
325.52129(9)(e)(iii)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	The emergency response plan shall be rehearsed regularly as part of the overall training program for site operations.
325.52129(9)(e)(iv)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	The site emergency response plan shall be reviewed periodically and, as necessary, amended to keep it current....
325.52129(9)(e)(v)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	An employee alarm system shall be installed....
325.52129(9)(e)(vi)	Part 553. Emergency Planning & Response	Operations at treatment, storage, and disposal (TSD) facilities;... emergency response program.	Based upon the information available at the time of an emergency, an employer shall evaluate the incident and site response capabilities and proceed with the appropriate steps to implement the site emergency response plan.
325.52130(3)	Part 553. Emergency Planning & Response	Emergency response to hazardous substances releases; emergency response plan.	An emergency response plan shall be developed and implemented....
325.52130(4)	Part 553. Emergency Planning & Response	Emergency response to hazardous substances releases; emergency response plan.	An employer shall develop an emergency response plan which shall address all of the following....
325.52130(4)(a)	Part 553. Emergency Planning & Response	Emergency response to hazardous substances releases; emergency response plan.	Preemergency planning and coordination with outside parties.
325.52130(4)(b)	Part 553. Emergency Planning & Response	Emergency response to hazardous substances releases; emergency response plan.	Personnel roles, lines of authority, training, and communication.
325.52130(4)(c)	Part 553. Emergency Planning & Response	Emergency response to hazardous substances releases; emergency response plan.	Emergency recognition and prevention.
325.52130(4)(d)	Part 553. Emergency Planning & Response	Emergency response to hazardous substances releases; emergency response plan.	Safe distances and places of refuge.



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325.52130(4)(e)	Part 553. Emergency Planning & Response	Emergency response to hazardous substances releases; emergency response plan.	Site security and control.
325.52130(4)(f)	Part 553. Emergency Planning & Response	Emergency response to hazardous substances releases; emergency response plan.	Evacuation routes and procedures.
325.52130(4)(g)	Part 553. Emergency Planning & Response	Emergency response to hazardous substances releases; emergency response plan.	Decontamination.
325.52130(4)(h)	Part 553. Emergency Planning & Response	Emergency response to hazardous substances releases; emergency response plan.	Emergency medical treatment and first aid.
325.52130(4)(i)	Part 553. Emergency Planning & Response	Emergency response to hazardous substances releases; emergency response plan.	Emergency alerting and response procedures.
325.52130(4)(j)	Part 553. Emergency Planning & Response	Emergency response to hazardous substances releases; emergency response plan.	Critique of response and follow-up.
325.52130(4)(k)	Part 553. Emergency Planning & Response	Emergency response to hazardous substances releases; emergency response plan.	PPE and emergency equipment.
325.52130(5)	Part 553. Emergency Planning & Response	Emergency response to hazardous substances releases; emergency response plan.	Emergency response organizations may use the local emergency response plan or the state emergency response plan, or both, as part of their emergency response plan....
325.52131(1)	Part 553. Emergency Planning & Response	Emergency response procedures.	The senior response official who responds to an emergency shall become the individual in charge of a site-specific incident command system (ICS)... and shall be assisted by the senior official present for each employer.
325.52131(2)	Part 553. Emergency Planning & Response	Emergency response procedures.	... As more senior officials arrive... the position of senior official is passed up the line of authority....
325.52131(3)	Part 553. Emergency Planning & Response	Emergency response procedures.	The individual in charge of the ICS shall identify... all hazardous substances or conditions present and shall address... all of the following:....



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325.52131(4)	Part 553. Emergency Planning & Response	Emergency response procedures.	Based on the hazardous substances or conditions present, the individual in charge of the ICS shall implement appropriate emergency operations and assure that the personal protective equipment worn is appropriate....
325.52131(5)	Part 553. Emergency Planning & Response	Emergency response procedures.	Employees who are engaged in emergency response and who are exposed to hazardous substances that present an inhalation hazard... shall wear positive-pressure, self-contained breathing apparatus....
325.52131(6)	Part 553. Emergency Planning & Response	Emergency response procedures.	The individual in charge of the ICS shall limit the number of emergency response personnel at the emergency site... to those who are actively performing emergency operations.
325.52131(7)	Part 553. Emergency Planning & Response	Emergency response procedures.	Back-up personnel shall stand by with equipment ready to provide assistance or rescue. Qualified emergency medical service personnel shall also stand by....
325.52131(8)	Part 553. Emergency Planning & Response	Emergency response procedures.	The individual in charge of the ICS shall designate a safety official....
325.52131(9)	Part 553. Emergency Planning & Response	Emergency response procedures.	When activities are judged by the safety official to be an IDLH or imminent danger condition, the safety official shall have the authority to alter, suspend, or terminate those activities....
325.52131(10)	Part 553. Emergency Planning & Response	Emergency response procedures.	After emergency operations have terminated, the individual in charge of the ICS shall implement appropriate decontamination procedures.
325.52131(11)	Part 553. Emergency Planning & Response	Emergency response procedures.	Approved self-contained, compressed air breathing apparatus may... be used with approved cylinders....
325.52133(1)	Part 553. Emergency Planning & Response	Emergency response training.	Employees who participate or are expected to participate in emergency response shall be trained in accordance with the requirements of this rule....

**MDA**

285.640.2	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	Storage facility registration
285.640.2(1)	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	A person shall not operate a storage facility in Michigan until it is registered....
285.640.11	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	Containment area management and operation.





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285.640.15	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	Discharge response plan
285.640.15(1)	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	An operator of a storage facility shall prepare a discharge response plan....
285.640.15(1)(a)	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	The identities and telephone numbers of the persons or agencies that shall be contacted in the event of a discharge, including the persons who are responsible for the stored pesticide.
285.640.15(1)(b)	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	For each bulk pesticide that is stored at the facility, a complete copy of the storage container labeling....
285.640.15(1)(c)	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	An identification, by location, of every bulk storage container that is located at the bulk storage facility, together with the type of pesticide it contains....
285.640.15(1)(d)	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	For each bulk pesticide that is stored at the facility, the procedures to be used in controlling and recovering, or otherwise responding to, a discharge or spill.
285.640.15(1)(e)	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	The procedures to be followed in using or disposing of a recovered discharge or spill.
285.640.15(2)	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	An operator shall keep the plan current at all times.
285.640.15(4)	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	The operator... shall provide a current copy of the plan to the local fire and police departments.
285.640.15(5)	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	The owner or manager of a bulk pesticide storage facility shall conduct emergency and discharge response training for all new and existing employees of the facility annually before the beginning of the pesticide use season....
285.640.15(6)(a)	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	Every storage facility shall have access to pumps and recovery containers that can be used to control and recover discharges. Pumps, recovery containers, and persons who are capable of deploying and operating ... shall be readily available in an emergency.
285.640.15(6)(b)	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	Absorbent materials that are suitable for the control and cleanup of smaller discharges shall be readily available to every storage facility. Used absorbent materials shall be disposed of properly.



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285.640.15(6)(c)	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	Reportable agrichemical spills, as defined in the provisions of SARA Title III and CERCLA, shall be immediately reported by telephone to (the DEQ and the NRC).
285.640.15(6)(d)	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	Any discharge that is not covered by the provisions of SARA Title III or CERCLA ... shall be immediately reported to (the DEQ).
285.640.16	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	Inspection and maintenance requirements.
285.640.17(1)(a)	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	A record of all discharges to the environment or spills within containment areas at the storage facility, including all of the following information:....
285.640.18	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	Remediation actions.
285.640.18(1)(b)	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	Submit a revised facility site plan to the department within 90 days after being notified of a discharge to the environment....
285.640.19	Part 83. Pesticide Control	Regulation 640. Commercial Pesticide Bulk Storage.	Advisory information.
285.641.10	Part 85. Fertilizers	Regulation 641. Commercial Fertilizer Bulk Storage.	Containment area management and operation.
285.641.14	Part 85. Fertilizers	Regulation 641. Commercial Fertilizer Bulk Storage.	Discharge response plan.
285.641.14(1)	Part 85. Fertilizers	Regulation 641. Commercial Fertilizer Bulk Storage.	An operator of a storage facility shall prepare a discharge response plan....
285.641.14(1)(a)	Part 85. Fertilizers	Regulation 641. Commercial Fertilizer Bulk Storage.	The identities and telephone numbers of the persons or agencies that shall be contacted in the event of a discharge, including the persons who are responsible for the stored fertilizer.
285.641.14(1)(b)	Part 85. Fertilizers	Regulation 641. Commercial Fertilizer Bulk Storage.	For each bulk fertilizer that is stored at the facility, a complete copy of the storage container labeling....
285.641.14(1)(c)	Part 85. Fertilizers	Regulation 641. Commercial Fertilizer Bulk Storage.	An identification, by location, of every bulk storage container that is located at the bulk storage facility, together with the type of fertilizer it contains....
285.641.14(1)(d)	Part 85. Fertilizers	Regulation 641. Commercial Fertilizer Bulk Storage.	For each bulk fertilizer that is stored at the facility, the procedures to be used in controlling and recovering, or otherwise responding to, a discharge or spill.



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285.641.14(1)(e)	Part 85. Fertilizers	Regulation 641. Commercial Fertilizer Bulk Storage.	The procedures to be followed in using or disposing of a recovered discharge or spill.
285.641.14(2)	Part 85. Fertilizers	Regulation 641. Commercial Fertilizer Bulk Storage.	An operator shall keep the plan current and readily available and shall inform the local fire and police departments of the existence of the plan.
285.641.14(3)	Part 85. Fertilizers	Regulation 641. Commercial Fertilizer Bulk Storage.	The owner or manager of a bulk fertilizer storage facility shall conduct emergency and discharge response training for all new and existing employees of the facility annually before the beginning of the fertilizer use season....
285.641.14(4)	Part 85. Fertilizers	Regulation 641. Commercial Fertilizer Bulk Storage.	Every storage facility shall have an appropriate spill kit readily available in the event of a discharge or spill.
285.641.14(5)	Part 85. Fertilizers	Regulation 641. Commercial Fertilizer Bulk Storage.	A storage facility shall immediately report any discharges to the environment to the department at 1-800-405-0101, which is available 24 hours a day.
285.641.15	Part 85. Fertilizers	Regulation 641. Commercial Fertilizer Bulk Storage.	Inspection and maintenance requirements.
285.641.16(1)(a)	Part 85. Fertilizers	Regulation 641. Commercial Fertilizer Bulk Storage.	A record of all discharges to the environment or spills within containment areas at the storage facility.
285.641.17	Part 85. Fertilizers	Regulation 641. Commercial Fertilizer Bulk Storage.	Remediation actions.
285.641.18	Part 85. Fertilizers	Regulation 641. Commercial Fertilizer Bulk Storage.	Advisory information.

**DEQ - PIPP**

324.2006(1)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	...the owner or operator of any on-land facility that receives, uses, processes, manufactures, stores, or ships polluting materials... shall develop, maintain, and operate in accordance with, a pollution incident prevention plan....
324.2006(1)(a)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	(the PIPP shall include) All of the following general facility information:
324.2006(1)(a)(i)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Facility name.
324.2006(1)(a)(ii)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Mailing address.
324.2006(1)(a)(iii)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Street address, if other than the mailing address.



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324.2006(1)(a)(iv)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Facility phone number.
324.2006(1)(a)(v)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	24-hour emergency phone number or numbers.
324.2006(1)(a)(vi)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Internal emergency notification procedures.
324.2006(1)(a)(vii)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	The name of the designated spill prevention and control coordinator.
324.2006(1)(a)(viii)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	The name of the person or persons responsible for on-site spill prevention and control, if different than the designated spill prevention and control coordinator.
324.2006(1)(a)(ix)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	The name of the facility owner.
324.2006(1)(a)(x)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	A map showing the facility relative to the surrounding area, including thoroughfares.
324.2006(1)(b)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Procedures for emergency notification to all of the following entities:
324.2006(1)(b)(i)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	The department's pollution emergency alerting system (PEAS).
324.2006(1)(b)(ii)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	National response center.
324.2006(1)(b)(iii)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Local emergency planning committee.
324.2006(1)(b)(iv)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Local fire department.
324.2006(1)(b)(v)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Local law enforcement agency.
324.2006(1)(b)(vi)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Municipal wastewater treatment plant if the facility is served by a municipal wastewater treatment plant.
324.2006(1)(b)(vii)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Appropriate spill cleanup contractor, or consulting firm, or both.
324.2006(1)(c)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	All of the following spill control and cleanup procedures:
324.2006(1)(c)(i)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Inventory and location of spill control and cleanup equipment available on- and off-site.
324.2006(1)(c)(ii)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Procedures for response and cleanup.



**Michigan Contingency Plan Requirements:  
Regulatory Cross-Comparison Matrix**

<b>Rule Number on Matrix</b>	<b>Regulation Part</b>	<b>Rule Part</b>	<b>Rule Description</b>
324.2006(1)(c)(iii)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Procedures for characterization and disposal of recovered materials.
324.2006(1)(d)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	A polluting material inventory, including all of the following information:
324.2006(1)(d)(i)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Identification of all polluting materials typically on-site in quantities exceeding the threshold management quantity....
324.2006(1)(d)(ii)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	The location of material safety data sheets for all polluting materials on-site in quantities exceeding the threshold management quantity.
324.2006(1)(e)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	A site plan depicting relevant site structures and all storage and use areas... including any of the following:
324.2006(1)(e)(i)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Aboveground and underground tanks.
324.2006(1)(e)(ii)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Floor drains.
324.2006(1)(e)(iii)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Loading and unloading areas.
324.2006(1)(e)(iv)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Sumps.
324.2006(1)(e)(v)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	On-site water supplies.
324.2006(1)(f)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Outdoor secondary containment structures, including all of the following information:
324.2006(1)(f)(i)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Location or locations.
324.2006(1)(f)(ii)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Design and construction data, including dimensions, materials, capacity, and the amount of the polluting materials stored in each area.
324.2006(1)(f)(iii)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Provisions for the capture and removal of spilled polluting materials.
324.2006(1)(f)(iv)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Provisions for secondary containment structure physical security, including signage, gates, fences, and barriers.
324.2006(1)(f)(v)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Precipitation management procedures, including characterization and disposal procedures and copies of any permits authorizing discharge.
324.2006(1)(f)(vi)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Inspection and maintenance procedures.



**Michigan Contingency Plan Requirements:  
Regulatory Cross-Comparison Matrix**

<b>Rule Number on Matrix</b>	<b>Regulation Part</b>	<b>Rule Part</b>	<b>Rule Description</b>
324.2006(1)(g)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Other controls.
324.2006(1)(h)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Provisions for general facility physical security.
324.2006(2)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	(PIPP maintenance and submittal.)
324.2006(3)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	(Integration of PIPP with other plans.)
324.2006(4)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	(PIPP evaluation and updates.)
324.2006(5)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	(PIPP modification per department request.)
324.2007	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Pollution incident report.
324.2007(2)	Part 31: Water Resources Protection	Part 5 rules. Spillage of oil and polluting materials	Written release report requirements.

**DEQ - DRILLING &  
PRODUCTION**

324.201	Part 615: Supervisor of Wells	Part 2 rules. Permits to drill and operate	Application for permit to drill and operate requirements; issuance of permit
324.201(2)	Part 615: Supervisor of Wells	Part 2 rules. Permits to drill and operate	(Permit application requirements.)
324.201(2)(b)	Part 615: Supervisor of Wells	Part 2 rules. Permits to drill and operate	The survey required... shall include a plat that shows all of the following:
324.201(2)(b)(iii)	Part 615: Supervisor of Wells	Part 2 rules. Permits to drill and operate	Footages from the nearest section, quarter section, and drilling unit lines.
324.406	Part 615: Supervisor of Wells	Part 4 rules. Drilling and well construction.	Blowout prevention equipment.
324.1007	Part 615: Supervisor of Wells	Part 10 rules. Well sites and surface facilities; prevention of fires, pollution, and danger to, or destruction of, property or life.	Notice of serious accident; reporting
324.1008	Part 615: Supervisor of Wells	Part 10 rules. Well sites and surface facilities; prevention of fires, pollution, and danger to, or destruction of, property or life.	Reporting of losses, spills and releases.



**Michigan Contingency Plan Requirements:  
Regulatory Cross-Comparison Matrix**

<b>Rule Number on Matrix</b>	<b>Regulation Part</b>	<b>Rule Part</b>	<b>Rule Description</b>
324.1102(d)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	"Safety equipment" means, at a minimum, all of the following items:
324.1107	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Training in hydrogen sulfide safety.
324.1110	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Contingency plans for drilling and production.
324.1110(1)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	A contingency plan for drilling shall be prepared by the applicant to provide an organized plan of action for alerting and protecting personnel at an H2S well site and the public.
324.1110(2)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	General procedures that shall be followed in the event of an emergency involving the possible release of hydrogen sulfide into the atmosphere....
324.1110(2)(a)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Current list of personnel to be contacted and their duties and responsibilities....
324.1110(2)(b)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	(Emergency circumstances and response procedures.)
324.1110(2)(b)(i)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Emergency circumstances that cause the plan to be put into operation.
324.1110(2)(b)(ii)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Initial procedures to be followed if the plan is activated.
324.1110(2)(b)(iii)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	The actions to be taken to ensure that all personnel known to be on the location are accounted for and that nonessential personnel shall be safely removed.
324.1110(2)(b)(iv)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Actions to be taken to restrict access of nonessential personnel to the location.
324.1110(2)(b)(v)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Procedure for notifying the general public, public authorities, as listed in the contingency plan, and safety agencies in the event of an emergency.
324.1110(2)(b)(vi)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	If an evacuation of the public is necessary, the procedure for conducting the evacuation.
324.1110(2)(b)(vii)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	The procedures for igniting the H2S well.
324.1110(3)(a)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	An accurate map that shows the locations of all existing structures used for public or private occupancy, areas maintained for public recreation, roads, and railroads....
324.1110(3)(b)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	A list of names, telephone numbers, and addresses of all of the following:



**Michigan Contingency Plan Requirements:  
Regulatory Cross-Comparison Matrix**

<b>Rule Number on Matrix</b>	<b>Regulation Part</b>	<b>Rule Part</b>	<b>Rule Description</b>
324.1110(3)(b)(i)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Seasonal and permanent residents.
324.1110(3)(b)(ii)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Private businesses.
324.1110(3)(b)(iii)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Schools.
324.1110(3)(b)(iv)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Places of worship.
324.1110(3)(b)(v)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Hospitals.
324.1110(3)(b)(vi)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Governmental offices.
324.1110(3)(b)(vii)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Parties responsible for the areas maintained for public camping or gathering identified on the map.
324.1110(3)(c)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	A list of emergency telephone numbers, including the numbers of all of the following:
324.1110(3)(c)(i)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Representatives of the permittee.
324.1110(3)(c)(ii)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Representatives of the drilling contractor.
324.1110(3)(c)(iii)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	The emergency preparedness coordinator.
324.1110(3)(c)(iv)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Local ambulance services.
324.1110(3)(c)(v)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Local hospitals.
324.1110(3)(c)(vi)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Local fire departments.
324.1110(3)(c)(vii)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	The department of environmental quality.
324.1110(3)(c)(viii)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	The pollution emergency alerting system.
324.1110(6)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	A permittee shall prepare a contingency plan for production for any well, surface facility, or flow line subject to this rule.
324.1110(6)(a)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Permittee name, well name, location, and permit number of the well or facility.





**Michigan Contingency Plan Requirements:  
Regulatory Cross-Comparison Matrix**

<b>Rule Number on Matrix</b>	<b>Regulation Part</b>	<b>Rule Part</b>	<b>Rule Description</b>
324.1110(6)(b)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	An accurate map or site plan showing the locati on of all equipment carrying or containing fluids with hydrogen sulfide.
324.1110(6)(c)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Names and contact information for local representatives of the permittee who have knowledge of the equipment and authority to take corrective actions at the well or facility in an emergency situation.
324.1110(6)(d)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Available information on hydrogen sulfide concentrations at the site.
324.1110(7)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	(Every 3 years, or as required, the contingency plan shall be reviewed and updated.)
324.1112(1)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	A permittee of a well shall establish primary and secondary briefing areas at the drilling site. A permittee shall ensure that safety equipment is located at the primary briefing area.
324.1112(2)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	The supervisor... may require safety equipment, in addition to that listed in R324.1102(d), if necessary for the safety of the public or the workers.
324.1115(1)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	A permittee of a well shall install a hydrogen sulfide detection and warning system...
324.1115(4)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	A permittee of a well shall ensure that an emergency escape self-contained breathing apparatus is readily available ...
324.1115(7)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	A permittee of a well shall ensure that well safety equipment is the same equipment that is required .... Safety equipment shall be located....
324.1117	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Initial testing.
324.1125	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	Shut-in systems.
324.1128(h)	Part 615: Supervisor of Wells	Part 11 rules. Hydrogen sulfide management	A revised and updated contingency plan shall be at the well site and shall be reviewed with all workers for class I H2S and class II H2S wells.

