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3745-520-470

Fire and explosion contingency plan.

[Comment: This plan is required to be included in an application for a license; however, the plan should also serve as a stand-alone plan that can be easily retrieved in the event the plan must be implemented.]

(A) The fire and explosion contingency plan shall provide for effective action to prevent the spread of a fire, extinguish a fire, and respond to an explosion at a C&DD facility.

(B) The fire and explosion contingency plan shall contain the following:

(1) A section containing the following general C&DD facility information:

(a) A copy of the completed application cover sheet submitted with the license application.

(b) The precise geographic location and facility boundary shown on a road map with all access points and entrances clearly identified.

(c) The name, mailing address, and telephone number of the emergency contacts for the facility. The emergency contacts shall be individuals authorized to commit facility resources such as equipment, material, and services necessary for responding to a fire or explosion. At a minimum, one individual and one back-up individual shall be designated and listed in the plan as the emergency coordinator for the facility.

(d) The name, mailing address, and telephone number of the person who prepared the fire and explosion contingency plan.

(2) A section containing notification procedures to be used by C&DD facility personnel to contact the following entities upon detection of fire or explosion and contact information for those entities. The procedures shall at a minimum conform to the notification requirements in rule 3745-520-670 of the Administrative Code. The contact information shall at a minimum include emergency telephone numbers, if available, and non-emergency telephone numbers.

(a) The fire department that would respond to the C&DD facility and other appropriate emergency response authorities.

(b) Ohio EPA, the approved board of health, and other appropriate governmental authorities.

(c) Asbestos specialists.

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- (3) A section describing the fire response equipment, material, and services at or available to the C&DD facility. This section shall demonstrate that the equipment, material, and services are adequate for the facility.
- (4) A section describing how C&DD facility personnel may respond to a fire or explosion that includes the following:
- (a) For each type of identified response, the owner or operator shall describe the actions, personnel, and equipment the owner or operator may commit to the response, and the circumstances when the response may be implemented.
 - (b) Each identified response shall be protective of public health and safety and the environment, shall minimize the cause or contribution to water pollution and air pollution, and shall not adversely impact the integrity or effectiveness of engineered components at the C&DD facility.
 - (c) At a minimum, the following types of responses shall be identified and described:
 - (i) Responses that may be taken during the time between the detection of a fire or explosion and the arrival of the fire department. In the case where the fire department will not respond to a particular type of fire or explosion at the C&DD facility, this section shall include the responses the owner or operator may provide in those circumstances.
 - (ii) Actions that may be taken by facility personnel to prevent the spread of a fire and to extinguish a fire.
 - (iii) Responses for subsurface fires including at a minimum the following:
 - (a) Techniques and frequency to be used for sampling leachate in addition to the leachate sampling required by rule 3745-520-660 of the Administrative Code in order to monitor leachate temperature, increases in the concentration of parameters due to fire, and fire-related parameters. At a minimum, leachate shall be analyzed for the following:
 - (i) The same parameters as the ground water assessment parameters listed in rule 3745-506-704 of the Administrative Code.
 - (ii) Chemical oxygen demand, total suspended solids, and total organic carbon.
 - (iii) Alkanes and alkenes.

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(iv) Chlorinated dibenzo-p-dioxin or chlorodibenzofuran.

(b) If a gas management system exists at the C&DD facility, techniques and frequency for monitoring gas collection devices in addition to the monitoring required by rule 3745-520-675 of the Administrative Code. At a minimum, the gas collection devices shall be monitored for the gas temperature and fire-related gases and vapors, including but not limited to carbon monoxide, alkanes, alkenes, chlorinated dibenzo-p-dioxin, and chlorodibenzofuran.

(5) Any other information requested by Ohio EPA or the approved board of health that is necessary to determine whether the owner or operator is prepared to provide effective action in response to either a fire or explosion at the C&DD facility.