

3745-104-43

Risk management plan: offsite consequence analysis.

(A) The owner or operator shall submit in the RMP the following information:

- (1) One worst-case release scenario for each program one process;~~and~~.
- (2) For program two and three processes, one worst-case release scenario to represent all regulated toxic substances held above the threshold quantity and one worst-case release scenario to represent all regulated flammable substances held above the threshold quantity. If additional worst-case scenarios for toxics or flammables are required by paragraph (A)(2)(c) of rule 3745-104-10 of the Administrative Code, the owner or operator shall submit the same information on the additional ~~scenario(s)~~scenarios. The owner or operator of program two and three processes shall also submit information on one alternative release scenario for each regulated toxic substance held above the threshold quantity and one alternative release scenario to represent all regulated flammable substances held above the threshold quantity.

(B) For each worst case release scenario ~~and/or~~ alternative release scenario required by paragraph (A) of this rule, the owner or operator shall submit the following data:

- (1) Chemical name of the regulated substance~~;~~.
- (2) Percentage weight of the chemical in a liquid mixture (toxics only)~~;~~.
- (3) Physical state of the regulated substance (toxics only)~~;~~.
- (4) Basis of results (give model name if used)~~;~~.
- (5) Scenario (explosion, fire, toxic gas release, or liquid spill and vaporization)~~;~~.
- (6) Quantity released in pounds~~;~~.
- (7) Release rate~~;~~.
- (8) Release duration~~;~~.
- (9) Wind speed and atmospheric stability class (toxics only)~~;~~.
- (10) Topography (toxics only)~~;~~.
- (11) Distance to endpoint~~;~~.
- (12) Public and environmental receptors within the distance~~;~~.
- (13) Passive mitigation considered;~~and~~.

(14) Active mitigation considered (alternative releases only).

Effective:

Five Year Review (FYR) Dates: 4/9/2021

Certification

Date

Promulgated Under: 119.03
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