

# CSAT Security Vulnerability Assessment

Questions



Homeland  
Security



## CSAT Security Vulnerability Questions

OMB No: 1670-0007  
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### **Paperwork Burden Notice:**

The public reporting burden for this form is estimated to be 250 hours. The burden estimate includes time for reviewing instructions, researching existing data sources, gathering and maintaining the needed data, and completing and submitting the form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing the burden to: NPPD/OIP/Chemical Security Compliance Division, Attention: Matthew Bettridge, Project Manager, U.S. Department of Homeland Security, Mail Stop 8100, Washington, DC 20528-8100.

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### **Submission Statement:**

My statements in this submission are true, complete, and correct to the best of my knowledge and belief and are made in good faith. I understand that a knowing and willful false statement on this form can be punished by fine or imprisonment or both. (See section 1001 of title 18, United States Code).

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#### Submission Statement:

**My statements in this submission are true, complete, and correct to the best of my knowledge and belief and are made in good faith. I understand that a knowing and willful false statement on this form can be punished by fine or imprisonment or both. (See section 1001 of title 18, United States Code).**

**Enter the facility identification number from the DHS Preliminary Tier Determination Letter.**

[Q:1.0-3311]

**Enter the facility name as shown in the DHS Preliminary Tier Determination Letter.**

[Q:1.0-3312]

**Is the facility located on a navigable waterway?**

[Q:1.0-3313]

- Yes
- No

▲ A navigable waterway is defined as waterway along any portion of the facility perimeter that can accommodate small to large watercraft.

**Does the DHS Preliminary Tier Determination letter indicate that the facility is a Tier 4 facility?**

[Q:1.0-3314]

- Yes
- No

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### Do you want to load an alternate security plan (ASP) SVA document?

[Q:1.01-3315]

- Yes  
 No

Are all facility assets associated with the issues and chemicals of concern specified in the Department of Homeland Security SVA notification letter covered by the ASP? Are all of the required threat scenarios (???) covered by the alternative SVA?

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### ASP Documents

Upload alternate security plan (ASP) SVA document.

**Are all facility assets associated with the issues and chemicals of concern specified in the Department of Homeland Security SVA notification letter covered by the ASP?**

[Q:1.1-3316]

- Yes
- No

**Are all of the required threat scenarios (???) covered by the alternative SVA?**

[Q:1.1-3317]

- Yes
- No

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### ASP Documents

**Enter the name of the SVA methodology.**

[Q:1.13-3320]

**What is the date of the alternative SVA?**

[Q:1.13-3331]

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**ASP Documents**  
Upload ASP files.  
Press [Next] to upload plot plans with assets labeled.

**Browse to locate ASP files for uploading.**

**ASP Files**

[Q:1.14-3332]

[Browse...](#)   [Add](#)

**Have all the SVA files been uploaded?**

[Q:1.14-3372]

Yes  
 No

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### Plot Plans

Are the locations of critical assets marked on the map?

[Q:1.2-3351]

- Yes  
 No

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### Plot Plans

#### Map without Labels

Provide instructions for identifying assets on uploaded maps.

Press [Next] to continue.

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### Plot Plans

Browse to locate a file describing the Asset Map labels.

Map Labels file

[Q:1.21-3353]

Browse...

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### Plot Plans

#### Names of Maps

Enter names for the maps of the facility site.

**Map Name to Upload**

[Q:1.3-3354]

Map Name

**Delete**

**Provide Map Name Detail Information**

**Add**

#### Have you completed uploads of maps?

[Q:1.3-3355]

- Yes
- No

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### Plot Plans

Map File Upload: Map Name

Browse to locate file for loading.

### Map Image Details

Enter the image width and image height in miles.

Enter the latitude and longitude of the bottom right corner of the image in decimal degrees (XX.XXXXXX). Longitude should begin with a negative sign with no space before the coordinates (-XX.XXXXXX).

<b>Image width (miles):</b> [Q:1.31-3356]	<input type="text"/>
<b>Image height (miles):</b> [Q:1.31-3357]	<input type="text"/>
<b>Image latitude (bottom right corner):</b> [Q:1.31-3358]	<input type="text"/>
<b>Image longitude (bottom right corner):</b> [Q:1.31-3359]	<input type="text"/>

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### ASP Submission

**Thank you for submitting an ASP for consideration by DHS. DHS will review your ASP submission and subsequently inform you of its acceptance or rejection.**

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## Facility Security Issues

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Please use the DHS Preliminary Tier Determination Letter to answer the following questions.

**Does the DHS Preliminary Tier Determination Letter indicate that the facility should address security issues related to release toxic chemicals of interest?**

[Q:2.0-971]

- Yes  
 No

**Does the DHS Preliminary Tier Determination Letter indicate that the facility should address security issues related to release flammable chemicals of interest?**

[Q:2.0-3131]

- Yes  
 No

**Does the DHS Preliminary Tier Determination Letter indicate that the facility should address security issues related to release explosive chemicals of interest?**

[Q:2.0-3132]

- Yes  
 No

**Does the DHS Preliminary Tier Determination Letter indicate that the facility should address security issues related to theft/diversion of Chemical Weapon/Chemical Weapon Precursor (CW/CWP) chemicals of interest?**

[Q:2.0-3151]

- Yes  
 No

**Does the DHS Preliminary Tier Determination Letter indicate that the facility should address security issues related to theft/diversion of Weapon of Mass Effect (WME) chemicals of interest?**

[Q:2.0-3171]

- Yes  
 No

**Does the DHS Preliminary Tier Determination Letter indicate that the facility should address security issues related to theft/diversion of Explosive/Improvised Explosive Device Precursor (IEDP) chemicals of interest?**

[Q:2.0-3172]

- Yes  
 No

**Does the DHS Preliminary Tier Determination Letter indicate that the facility should address security issues related to sabotage/contamination chemicals of interest?**

[Q:2.0-3173]

- Yes  
 No

**Did the DHS Preliminary Tier Determination Letter indicate that the facility should address security issues related to mission critical impacts?**

[Q:2.0-3174]

- Yes  
 No

**Did the DHS Preliminary Tier Determination Letter indicate that the facility should address security issues related to economically critical impacts?**

[Q:2.0-3175]

- Yes  
 No

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### Facility Surrounding Topography

**What is the surrounding topography of the facility.**

[Q:2.09-5911]

- Urban  
 Rural

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### Release Toxic Chemicals of Interest

Select the release toxic chemicals of interest that are listed in the DHS Preliminary Tier Determination Letter.

The default settings on this list indicate that the chemical of interest is NOT listed in the letter. You must select "Yes" if the chemical is listed in the letter.

Chemical Name	CAS#	Min. Conc.	Was the chemical listed in the letter?
[Q:2,1-1037]			
Acrolein [2-Propenal or Acrylaldehyde]	107-02-8	1.00%	<input checked="" type="radio"/> Yes <input type="radio"/> No
Allyl alcohol [2-Propen-1-ol]	107-18-6	1.00%	<input checked="" type="radio"/> Yes <input type="radio"/> No
Ammonia (anhydrous)	7664-41-7	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Ammonia (conc. 20% or greater)	7664-41-7	20.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Arsenic trichloride [Arsenous trichloride]	7784-34-1	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Arsine	7784-42-1	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Boron trichloride [Borane, trichloro]	10294-34-5	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Boron trifluoride [Borane, trifluoro]	7637-07-2	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Boron trifluoride compound with methyl ether (1:1) [Boron, trifluoro [oxybis (methane)-], T-4-]	353-42-4	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Bromine	7726-95-6	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Carbon disulfide	75-15-0	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Chlorine	7782-50-5	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Chlorine dioxide [Chlorine oxide, (ClO <sub>2</sub> )]	10049-04-4	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Chloroform [Methane, trichloro-]	67-66-3	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Chloromethyl ether [Methane, oxybis(chloro-)]	542-88-1	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Chloromethyl methyl ether [Methane, chloromethoxy-]	107-30-2	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Cyanogen chloride	506-77-4	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Cyclohexylamine [Cyclohexanamine]	108-91-8	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Diborane	19287-45-7	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Epichlorohydrin [Oxirane, (chloromethyl)-]	106-89-8	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Ethylenediamine [1,2-Ethanediamine]	107-15-3	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Fluorine	7782-41-4	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Formaldehyde (solution)	50-00-0	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Hydrochloric acid (conc. 37% or greater)	7647-01-0	37.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Hydrocyanic acid	74-90-8	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Hydrofluoric acid (conc. 50% or greater)	7664-39-3	50.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Hydrogen chloride (anhydrous)	7647-01-0	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Hydrogen fluoride (anhydrous)	7664-39-3	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Hydrogen sulfide	7783-06-4	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Isobutyronitrile [Propanenitrile, 2-methyl-]	78-82-0	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Isopropyl chloroformate [Carbonochloridic acid, 1-methylethyl ester]	108-23-6	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Methacrylonitrile [2-Propenenitrile, 2-methyl-]	126-98-7	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Methyl hydrazine [Hydrazine, methyl-]	60-34-4	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Methyl isocyanate [Methane, isocyanato-]	624-83-9	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Methyl thiocyanate [Thiocyanic acid, methyl ester]	556-64-9	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Nitric acid	7697-37-2	80.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Nitric oxide [Nitrogen oxide (NO)]	10102-43-9	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Oleum (Fuming Sulfuric acid) [Sulfuric acid, mixture with sulfur trioxide]	8014-95-7	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Perchloromethylmercaptan [Methanesulfonyl chloride, trichloro-]	594-42-3	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Phosgene [Carbonic dichloride] or [carbonyl dichloride]	75-44-5	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Phosphorus oxychloride [Phosphoryl chloride]	10025-87-3	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Phosphorus trichloride	7719-12-2	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Propionitrile [Propanenitrile]	107-12-0	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Propyleneimine [Aziridine, 2-methyl-]	75-55-8	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Sulfur dioxide (anhydrous)	7446-09-5	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Sulfur tetrafluoride [Sulfur fluoride (SF <sub>4</sub> ), (T-4)-]	7783-60-0	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Sulfur trioxide	7446-11-9	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	1.00%	<input checked="" type="radio"/> Yes <input type="radio"/> No
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	1.00%	<input checked="" type="radio"/> Yes <input type="radio"/> No

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## Facility Security Issues

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### Release Flammable Chemicals of Interest

Select the release flammable chemicals of interest that are listed in the DHS Preliminary Tier Determination Letter.

Select the release flammable chemicals of interest that are present at the facility.

The default settings on this list indicate that the chemical of interest is NOT listed in the letter or present at the facility. You must select "Yes" if the chemical is listed in the letter or present at the facility.

Chemical Name	CAS#	Min. Conc.	Was the chemical listed in the letter?	Is the chemical present at the facility?
[Q:2.2-1038]			[Q:2.2-5574]	
Acetaldehyde	75-07-0	1.00%	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
Acetylene [Ethyne]	74-86-2	1.00%	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
Acrylonitrile [2-Propenenitrile]	107-13-1	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Acrylyl chloride [2-Propenoyl chloride]	814-68-6	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Allylamine [2-Propen-1-amine]	107-11-9	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Bromotrifluoroethylene [Ethere, bromotrifluoro-]	598-73-2	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
1,3-Butadiene	106-99-0	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Butane	106-97-8	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Butene	25167-67-3	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
1-Butene	106-98-9	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
2-Butene	107-01-7	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
2-Butene-cis	590-18-1	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
2-Butene-trans [2-Butene, (E)]	624-64-6	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Carbon oxysulfide [Carbon oxide sulfide (COS), carbonyl sulfide]	463-58-1	1.00%	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
Chlorine monoxide [Chlorine oxide]	7791-21-1	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
1-Chloropropylene [1-Propene, 1-chloro-]	590-21-6	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
2-Chloropropylene [1-Propene, 2-chloro-]	557-98-2	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Crotonaldehyde [2-Butenal]	4170-30-3	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Crotonaldehyde, (E)- [2-Butenal], (E)-]	123-73-9	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Cyanogen [Ethanedinitrile]	460-19-5	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Cyclopropane	75-19-4	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Dichlorosilane [Silane, dichloro-]	4109-96-0	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Diffluoroethane [Ethane, 1,1-difluoro-]	75-37-6	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Dimethylamine [Methanamine, N-methyl-]	124-40-3	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Dimethyldichlorosilane [Silane, dichlorodimethyl-]	75-78-5	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
1,1-Dimethylhydrazine [Hydrazine, 1, 1-dimethyl-]	57-14-7	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
2,2-Dimethylpropane [Propane, 2,2-dimethyl-]	463-82-1	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Ethane	74-84-0	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Ethyl acetylene [1-Butyne]	107-00-6	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Dimethyldichlorosilane [Silane, dichlorodimethyl-]	75-78-5	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
1,1-Dimethylhydrazine [Hydrazine, 1, 1-dimethyl-]	57-14-7	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
2,2-Dimethylpropane [Propane, 2,2-dimethyl-]	463-82-1	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Ethane	74-84-0	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Ethyl acetylene [1-Butyne]	107-00-6	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Ethyl chloride [Ethane, chloro-]	75-00-3	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Ethyl ether [Ethane, 1,1-oxbis-]	60-29-7	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Ethyl mercaptan [Ethanethiol]	75-08-1	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Ethyl nitrite [Nitrous acid, ethyl ester]	109-95-5	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Ethylamine [Ethanamine]	75-04-7	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Ethylene [Ethere]	74-85-1	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Ethylene oxide [Oxirane]	75-21-8	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Ethyleneimine [Aziridine]	151-56-4	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Furan	110-00-9	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Hydrazine	302-01-2	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Hydrogen	1333-74-0	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Hydrogen selenide	7783-07-5	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Iron, pentacarbonyl- [Iron carbonyl (Fe(CO) <sub>5</sub> ), (TB5-11)-]	13463-40-6	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Isobutane [Propane, 2-methyl]	75-28-5	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Isopentane [Butane, 2-methyl-]	78-78-4	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Isoprene [1,3-Butadiene, 2-methyl-]	78-79-5	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Isopropyl chloride [Propane, 2-chloro-]	75-29-6	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Isopropylamine [2-Propanamine]	75-31-0	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Methane	74-82-8	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
2-Methyl-1-butene	563-46-2	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
3-Methyl-1-butene	563-45-1	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Methyl chloride [Methane, chloro-]	74-87-3	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Methyl chloroformate [Carbonochloridic acid, methyl ester]	79-22-1	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Methyl ether [Methane, oxbis-]	115-10-6	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Methyl formate [Formic acid Methyl ester]	107-31-3	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Methyl mercaptan [Methanethiol]	74-93-1	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Methylamine [Methanamine]	74-89-5	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
2-Methylpropene [1-Propene, 2-methyl-]	115-11-7	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Methyltrichlorosilane [Silane, trichloromethyl-]	75-79-6	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Nickel Carbonyl	13463-39-3	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
1,3-Pentadiene	504-60-9	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Pentane	109-66-0	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
1-Pentene	109-67-1	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
2-Pentene, (E)-	646-04-8	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
2-Pentene, (Z)-	627-20-3	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Peracetic acid [Ethaneperoxic acid]	79-21-0	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Phosphine	7803-51-2	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Piperidine	110-89-4	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Propadiene [1,2-Propadiene]	463-49-0	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Propane	74-98-6	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Propyl chloroformate [Carbonochloridic acid, propylester]	109-61-5	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Propylene [1-Propene]	115-07-1	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Propylene oxide [Oxirane, methyl-]	75-56-9	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Propyne [1-Propyne]	74-99-7	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Silane	7803-62-5	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Tetrafluoroethylene [Ethere, tetrafluoro-]	116-14-3	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Tetramethylsilane [Silane, tetramethyl-]	75-76-3	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Tetranitromethane [Methane, tetranitro-]	509-14-8	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Trichlorosilane [Silane, trichloro-]	10025-78-2	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Trifluorochloroethylene [Ethere, chlorotrifluoro-]	79-38-9	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Trimethylamine [Methanamine, N,N-dimethyl-]	75-50-3	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Trimethylchlorosilane [Silane, chlorotrimethyl-]	75-77-4	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Vinyl acetate monomer [Acetic acid ethenyl ester]	108-05-4	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Vinyl acetylene [1-Buten-3-yne]	689-97-4	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Vinyl chloride [Ethere, chloro-]	75-01-4	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Vinyl ethyl ether [Ethere, ethoxy-]	109-92-2	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Vinyl fluoride [Ethere, fluoro-]	75-02-5	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Vinyl methyl ether [Ethere, methoxy-]	107-25-5	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Vinylidene chloride [Ethere, 1,1-dichloro-]	75-35-4	1.00%	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
Vinylidene fluoride [Ethere, 1,1-difluoro-]	75-38-7	1.00%	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
<b>Fuels</b>				
<b>Fuels:</b> Bunker fuel			<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
<b>Fuels:</b> Diesel			<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
<b>Fuels:</b> Gasoline			<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
<b>Fuels:</b> Home heating oil			<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
<b>Fuels:</b> JP A (jet fuel)			<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
<b>Fuels:</b> JP 5 (jet fuel)			<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
<b>Fuels:</b> JP 8 (jet fuel)			<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
<b>Fuels:</b> Kerosene			<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
<b>Fuels:</b> LPG			<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No

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### Release Explosive Chemicals of Interest

Select the release explosive chemicals of interest that are listed in the DHS Preliminary Tier Determination Letter.

Select the release explosive chemicals of interest that are present at the facility.

The default settings on this list indicate that the chemical of interest is NOT listed in the letter or present at the facility. You must select "Yes" if the chemical is listed in the letter or present at the facility.

Chemical Name	CAS#	Min. Conc.	Was the chemical listed in the letter?	Is the chemical present at the facility?
[Q:2.3-1039] Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]	6484-52-2	ACG	[Q:2.3-5573] <input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
Ammonium perchlorate	7790-98-9	ACG	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
Ammonium picrate	131-74-8	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Barium azide	18810-58-7	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Diazodinitrophenol	87-31-0	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Diethyleneglycol dinitrate	693-21-0	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Dingu [Dinitroglucuril]	55510-04-8	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Dinitrophenol	25550-58-7	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Dinitroresorcinol	519-44-8	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Dipicryl sulfide	2217-06-3	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Dipicrylamine [or] Hexyl [Hexanitrodiphenylamine]	131-73-7	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Guanyl nitrosaminoguanilydene hydrazine		ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Hexanitrostilbene	20062-22-0	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Hexolite [Hexotol]	121-82-4	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
HMX [Cyclotetramethylene-tetranitramine]	2691-41-0	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Lead azide	13424-46-9	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Lead styphnate [Lead trinitroresorcinolate]	15245-44-0	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Mercury fulminate	628-86-4	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
5-Nitrobenzotriazol	2338-12-7	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Nitrocellulose	9004-70-0	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Nitroglycerine	55-63-0	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Nitromannite [Mannitol hexanitrate, wetted]	15825-70-4	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Nitrostarch	9056-38-6	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Nitrotriazolone	932-64-9	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Octolite	57607-37-1	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Octonal	78413-87-3	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Pentolite	8066-33-9	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
PETN [Pentaerythritol tetranitrate]	78-11-5	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Picrite [Nitroguanidine]	556-88-7	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
RDX [Cyclotrimethylenetrinitramine]	121-82-4	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
RDX and HMX mixtures	121-82-4	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Tetranitroaniline	53014-37-2	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Tetrazene [Guanyl nitrosaminoguanilytetrazene]	109-27-3	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
1H-Tetrazole	288-94-8	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
TNT [Trinitrotoluene]	118-96-7	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Torpex [Hexotonal]	67713-16-0	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Trinitroaniline	26952-42-1	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Trinitroanisole	606-35-9	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Trinitrobenzene	99-35-4	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Trinitrobenzenesulfonic acid	2508-19-2	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Trinitrobenzoic acid	129-66-8	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Trinitrochlorobenzene	88-88-0	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Trinitrofluorenone	129-79-3	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Trinitro-meta-cresol	602-99-3	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Trinitronaphthalene	55810-17-8	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Trinitrophenetole	4732-14-3	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Trinitrophenol	88-89-1	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
Trinitroresorcinol	82-71-3	ACG	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
Tritonal	54413-15-9	ACG	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No

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### Theft/Diversions Chemical Weapon/Chemical Weapon Precursor (CW/CWP) Chemicals of Interest

Select the theft/diversion CW/CWP chemicals of interest that are listed in the DHS Preliminary Tier Determination Letter.

The default settings on this list indicate that the chemical of interest is NOT listed in the letter. You must select "Yes" if the chemical is listed in the letter.

Chemical Name	CAS#	Min. Conc.	Was the chemical listed in the letter?	
[Q:2.4-1041]				
Arsenic trichloride [Arsenous trichloride]	7784-34-1	30.00%	<input checked="" type="radio"/> Yes	<input type="radio"/> No
1,4-Bis(2-chloroethylthio)-n-butane	142868-93-7		<input checked="" type="radio"/> Yes	<input type="radio"/> No
Bis(2-chloroethylthio)methane	63869-13-6		<input type="radio"/> Yes	<input checked="" type="radio"/> No
Bis(2-chloroethylthiomethyl)ether	63918-90-1		<input type="radio"/> Yes	<input checked="" type="radio"/> No
1,5-Bis(2-chloroethylthio)-n-pentane	142868-94-8		<input type="radio"/> Yes	<input checked="" type="radio"/> No
1,3-Bis(2-chloroethylthio)-n-propane	63905-10-2		<input type="radio"/> Yes	<input checked="" type="radio"/> No
2-Chloroethylchloro-methylsulfide	2625-76-5		<input type="radio"/> Yes	<input checked="" type="radio"/> No
Chlorosarin [o-Isopropyl methylphosphonochloridate]	1445-76-7		<input type="radio"/> Yes	<input checked="" type="radio"/> No
Chlorosoman [o-Pinacolyl methylphosphonochloridate]	7040-57-5		<input type="radio"/> Yes	<input checked="" type="radio"/> No
DF [Methyl phosphonyl difluoride]	676-99-3		<input type="radio"/> Yes	<input checked="" type="radio"/> No
N,N-(2-diethylamino)ethanethiol	100-38-9	30.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
o,o-Diethyl S-[2-(diethylamino)ethyl] phosphorothiolate	78-53-5	30.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Diethyl methylphosphonite	15715-41-0	30.00%	<input checked="" type="radio"/> Yes	<input type="radio"/> No
N,N-Diethyl phosphoramidic dichloride	1498-54-0	30.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
N,N-(2-diisopropylamino)ethanethiol [N,N-diisopropyl-β-aminoethane thiol]	5842-07-9	30.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
N,N-Diisopropyl phosphoramidic dichloride	23306-80-1	30.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
N,N-(2-dimethylamino)ethanethiol	108-02-1	30.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
N,N-Dimethyl phosphoramidic dichloride [Dimethylphosphoramido-dichloridate]	677-43-0	30.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
N,N-(2-dipropylamino)ethanethiol	5842-06-8	30.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
N,N-Dipropyl phosphoramidic dichloride	40881-98-9	30.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Ethyl phosphonyl difluoride	753-98-0		<input type="radio"/> Yes	<input checked="" type="radio"/> No
Ethyldiethanolamine	139-87-7	80.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Ethylphosphonothioic dichloride	993-43-1	30.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
HN1 (Nitrogen Mustard-1) [Bis(2-chloroethyl)ethylamine]	538-07-8		<input type="radio"/> Yes	<input checked="" type="radio"/> No
HN2 (Nitrogen Mustard-2) [Bis(2-chloroethyl)methylamine]	51-75-2		<input type="radio"/> Yes	<input checked="" type="radio"/> No
HN3 (Nitrogen Mustard-3) [Tris(2-chloroethyl)amine]	555-77-1		<input type="radio"/> Yes	<input checked="" type="radio"/> No
Isopropylphosphonothioic dichloride	1498-60-8	30.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Isopropylphosphonyl difluoride	677-42-9		<input type="radio"/> Yes	<input checked="" type="radio"/> No
Lewisite 1 [2-chlorovinylchloroarsine]	541-25-3		<input type="radio"/> Yes	<input checked="" type="radio"/> No
Lewisite 2 [Bis(2-chlorovinyl)chloroarsine]	40334-69-8		<input type="radio"/> Yes	<input checked="" type="radio"/> No
Lewisite 3 [Tris(2-chlorovinyl)arsine]	40334-70-1		<input type="radio"/> Yes	<input checked="" type="radio"/> No
MDEA [Methyldiethanolamine]	105-59-9	80.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Methylphosphonothioic dichloride	676-98-2	30.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
O-Mustard (T) [Bis(2-chloroethylthioethyl)ether]	63918-89-8		<input type="radio"/> Yes	<input checked="" type="radio"/> No
Nitrogen mustard hydrochloride [Bis(2-chloroethyl)methylamine hydrochloride]	55-86-7	30.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Phosphorus oxychloride [Phosphoryl chloride]	10025-87-3	80.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Propylphosphonothioic dichloride	2524-01-8	30.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Propylphosphonyl difluoride	690-14-2		<input type="radio"/> Yes	<input checked="" type="radio"/> No
QL [o-Ethyl-o-2-diisopropylaminoethyl methylphosphonite]	57856-11-8		<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sarin [o-Isopropyl methylphosphonofluoridate]	107-44-8		<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sesquimustard [1,2-Bis(2-chloroethylthio)ethane]	3563-36-8		<input type="radio"/> Yes	<input checked="" type="radio"/> No
Soman [o-Pinacolyl methylphosphonofluoridate]	96-64-0		<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sulfur Mustard (Mustard gas (H)) [Bis(2-chloroethyl)sulfide]	505-60-2		<input type="radio"/> Yes	<input checked="" type="radio"/> No
Tabun [o-Ethyl-N,N-dimethylphosphoramido-cyanidate]	77-81-6		<input type="radio"/> Yes	<input checked="" type="radio"/> No
Thiodiglycol [Bis(2-hydroxyethyl)sulfide]	111-48-8	30.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Triethanolamine	102-71-6	80.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Triethanolamine hydrochloride	637-39-8	80.00%	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Triethyl phosphite	122-52-1	80.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Trimethyl phosphite	121-45-9	80.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
VX [o-Ethyl-S-2-diisopropylaminoethyl methyl phosphonothiolate]	50782-69-9		<input checked="" type="radio"/> Yes	<input type="radio"/> No

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### Theft/Diversion Weapon of Mass Effect (WME) Chemicals of Interest

Select the theft/diversion WME chemicals of interest that are listed in the DHS Preliminary Tier Determination Letter.

The default settings on this list indicate that the chemical of interest is NOT listed in the letter. You must select "Yes" if the chemical is listed in the letter.

Chemical Name	CAS#	Min. Conc.	Was the chemical listed in the letter?	
[Q:2.5-1042]				
Arsine	7784-42-1	0.67%	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Boron tribromide	10294-33-4	12.67%	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Boron trichloride [Borane, trichloro]	10294-34-5	84.70%	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Boron trifluoride [Borane, trifluoro]	7637-07-2	26.87%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Bromine chloride	13863-41-7	9.67%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Bromine trifluoride	7787-71-5	6.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Carbonyl fluoride	353-50-4	12.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Carbonyl sulfide	463-58-1	56.67%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Chlorine	7782-50-5	9.77%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Chlorine pentafluoride	13637-63-3	4.07%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Chlorine trifluoride	7790-91-2	9.97%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Cyanogen [Ethanedinitrile]	460-19-5	11.67%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Cyanogen chloride	506-77-4	2.67%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Diborane	19287-45-7	2.67%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Dichlorosilane [Silane, dichloro-]	4109-96-0	10.47%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Dinitrogen tetroxide	10544-72-6	3.80%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Fluorine	7782-41-4	6.17%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Germane	7782-65-2	20.73%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Germanium tetrafluoride	7783-58-6	2.11%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Hexaethyl tetraphosphate and compressed gas mixtures	757-58-4	33.37%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Hexafluoroacetone	684-16-2	15.67%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Hydrogen bromide (anhydrous)	10035-10-6	95.33%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Hydrogen chloride (anhydrous)	7647-01-0	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Hydrogen cyanide [Hydrocyanic acid]	74-90-8	4.67%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Hydrogen fluoride (anhydrous)	7664-39-3	42.53%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Hydrogen iodide, anhydrous	10034-85-2	95.33%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Hydrogen selenide	7783-07-5	0.07%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Hydrogen sulfide	7783-06-4	23.73%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Methyl mercaptan [Methanethiol]	74-93-1	45.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Methylchlorosilane	993-00-0	20.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Nitric oxide [Nitrogen oxide (NO)]	10102-43-9	3.83%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Nitrogen trioxide	10544-73-7	3.83%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Nitrosyl chloride	2696-92-6	1.17%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Oxygen difluoride	7783-41-7	0.09%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Perchloryl fluoride	7616-94-6	25.67%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Phosgene [Carbonic dichloride] or [carbonyl dichloride]	75-44-5	0.17%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Phosphine	7803-51-2	0.67%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Phosphorus trichloride	7719-12-2	3.48%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Selenium hexafluoride	7783-79-1	1.67%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Silicon tetrafluoride	7783-61-1	15.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Stibine	7803-52-3	0.67%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sulfur dioxide (anhydrous)	7446-09-5	84.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sulfur tetrafluoride [Sulfur fluoride (SF <sub>4</sub> ), (T-4)-]	7783-60-0	1.33%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Tellurium hexafluoride	7783-80-4	0.83%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	13.33%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Trifluoroacetyl chloride	354-32-5	6.93%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Trifluorochloroethylene [Ethene, chlorotrifluoro]	79-38-9	66.67%	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Tungsten hexafluoride	7783-82-6	7.10%	<input checked="" type="radio"/> Yes	<input type="radio"/> No

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### Theft/Diversion Explosive/Improvised Explosive Device Precursor (EXP/IEDP) Chemicals of Interest

Select the theft/diversion EXP/IEDP chemicals of interest that are listed in the DHS Preliminary Tier Determination Letter.

The default settings on this list indicate that the chemical of interest is NOT listed in the letter. You must select "Yes" if the chemical is listed in the letter.

Chemical Name	CAS#	Min. Conc.	Was the chemical listed in the letter?	
			[Q.2.6-1043]	
Aluminum (powder)	7429-90-5	ACG	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]	6484-52-2	ACG	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Ammonium nitrate, solid [nitrogen concentration of 23% nitrogen or greater]	6484-52-2	33.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Ammonium perchlorate	7790-98-9	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Ammonium picrate	131-74-8	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Barium azide	18810-58-7	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Diazodinitrophenol	87-31-0	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Diethyleneglycol dinitrate	693-21-0	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Dingu [Dinitroglucuril]	55510-04-8	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Dinitrophenol	25550-58-7	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Dinitroresorcinol	519-44-8	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Dipicryl sulfide	2217-06-3	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Dipicrylamine [or] Hexyl [Hexanitrodiphenylamine]	131-73-7	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Guanyl nitrosaminoguanylidene hydrazine		ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Hexanitrostilbene	20062-22-0	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Hexolite [Hexotol]	121-82-4	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
HMX [Cyclotetramethylene-tetranitramine]	2691-41-0	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Hydrogen peroxide (concentration of at least 35%)	7722-84-1	35.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Lead azide	13424-46-9	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Lead styphnate [Lead trinitroresorcinolate]	15245-44-0	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Magnesium (powder)	7439-95-4	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Mercury fulminate	628-86-4	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Nitric acid	7697-37-2	68.00%	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Nitrobenzene	98-95-3	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
5-Nitrobenzotriazol	2338-12-7	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Nitrocellulose	9004-70-0	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Nitroglycerine	55-63-0	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Nitromannite [Mannitol hexanitrate, wetted]	15825-70-4	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Nitromethane	75-52-5	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Nitrostarch	9056-38-6	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Nitrotriazolone	932-64-9	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Octolite	57607-37-1	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Octonal	78413-87-3	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Pentolite	8066-33-9	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
PETN [Pentaerythritol tetranitrate]	78-11-5	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Phosphorus	7723-14-0	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Picrite [Nitroguanidine]	556-88-7	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Potassium chlorate	3811-04-9	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Potassium nitrate	7757-79-1	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Potassium perchlorate	7778-74-7	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Potassium permanganate	7722-64-7	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
RDX [Cyclotrimethylenetrinitramine]	121-82-4	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
RDX and HMX mixtures	121-82-4	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sodium azide	26628-22-8	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sodium chlorate	7775-09-9	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sodium nitrate	7631-99-4	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Tetranitroaniline	53014-37-2	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Tetrazene [Guanyl nitrosaminoguanyltetrazene]	109-27-3	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
1H-Tetrazole	288-94-8	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
TNT [Trinitrotoluene]	118-96-7	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Torpex [Hexotonal]	67713-16-0	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Trinitroaniline	26952-42-1	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Trinitroanisole	606-35-9	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Trinitrobenzene	99-35-4	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Trinitrobenzenesulfonic acid	2508-19-2	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Trinitrobenzoic acid	129-66-8	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Trinitrochlorobenzene	88-88-0	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Trinitrofluorenone	129-79-3	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Trinitro-meta-cresol	602-99-3	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Trinitronaphthalene	55810-17-8	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Trinitrophenetole	4732-14-3	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Trinitrophenol	88-89-1	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Trinitroresorcinol	82-71-3	ACG	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Tritonal	54413-15-9	ACG	<input checked="" type="radio"/> Yes	<input type="radio"/> No

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### Sabotage/Contamination Chemicals of Interest

Select the sabotage/contamination chemicals of interest that are listed in the DHS Preliminary Tier Determination Letter.

The default settings on this list indicate that the chemical of interest is NOT listed in the letter. You must select "Yes" if the chemical is listed in the letter.

Chemical Name	CAS#	Min. Conc.	Was the chemical listed in the letter?	
[Q:2.7-1671]				
Acetone cyanohydrin, stabilized	75-86-5	ACG	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Acetyl bromide	506-96-7	ACG	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Acetyl chloride	75-36-5	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Acetyl iodide	507-02-8	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Allyltrichlorosilane, stabilized	107-37-9	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Aluminum bromide, anhydrous	7727-15-3	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Aluminum chloride, anhydrous	7446-70-0	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Aluminum phosphide	20859-73-8	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Amyltrichlorosilane	107-72-2	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Antimony pentafluoride	7783-70-2	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Boron tribromide	10294-33-4	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Bromine pentafluoride	7789-30-2	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Bromine trifluoride	7787-71-5	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Butyltrichlorosilane	7521-80-4	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Calcium hydrosulfite [Calcium dithionite]	15512-36-4	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Calcium phosphide	1305-99-3	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Chlorine dioxide [Chlorine oxide, (ClO <sub>2</sub> )]	10049-04-4	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Chloroacetyl chloride	79-04-9	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Chlorosulfonic acid	7790-94-5	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Chromium oxychloride	14977-61-8	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Cyclohexyltrichlorosilane	98-12-4	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Diethyldichlorosilane	1719-53-5	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Dimethyldichlorosilane [Silane, dichlorodimethyl-]	75-78-5	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Diphenyldichlorosilane	80-10-4	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Dodecyltrichlorosilane	4484-72-4	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Ethyltrichlorosilane	115-21-9	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Fluorosulfonic acid	7789-21-1	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Hexyltrichlorosilane	928-65-4	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Iodine pentafluoride	7783-66-6	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Lithium amide	7782-89-0	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Lithium nitride	26134-62-3	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Magnesium diamide	7803-54-5	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Magnesium phosphide	12057-74-8	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Methyldichlorosilane	75-54-7	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Methylphenyldichlorosilane	149-74-6	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Methyltrichlorosilane [Silane, trichloromethyl-]	75-79-6	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Nonyltrichlorosilane	5283-67-0	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Octadecyltrichlorosilane	112-04-9	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Octyltrichlorosilane	5283-66-9	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Phenyltrichlorosilane	98-13-5	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Phosphorus oxychloride [Phosphoryl chloride]	10025-87-3	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Phosphorus pentabromide	7789-69-7	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Phosphorus pentachloride	10026-13-8	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Phosphorus pentasulfide	1314-80-3	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Phosphorus trichloride	7719-12-2	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Potassium cyanide	151-50-8	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Potassium phosphide	20770-41-6	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Propyltrichlorosilane	141-57-1	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Silicon tetrachloride	10026-04-7	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sodium cyanide	143-33-9	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sodium hydrosulfite [Sodium dithionite]	7775-14-6	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sodium phosphide	12058-85-4	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Strontium phosphide	12504-16-4	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Sulfuryl chloride	7791-25-5	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Thionyl chloride	7719-09-7	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Trichlorosilane [Silane, trichloro-]	10025-78-2	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Trimethylchlorosilane [Silane, chlorotrimethyl-]	75-77-4	ACG	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Vinyltrichlorosilane	75-94-5	ACG	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Zinc hydrosulfite [Zinc dithionite]	7779-86-4	ACG	<input checked="" type="radio"/> Yes	<input type="radio"/> No

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### Mission Critical Chemicals

Enter the name of the mission critical chemicals that are listed in the DHS Preliminary Tier Determination Letter.

**Mission Critical Chemical**


[Q:2.8-3191]

Asset 1

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### Economically Critical Chemicals

Enter the name of the economically critical chemicals that are listed in the DHS Preliminary Tier Determination Letter.

Economically Critical Chemical
--------------------------------

[Q:2.9-1212]

Asset 2
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## Facility Security Issues

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### Summary of Facility Security Issues Selected

#### Release Toxic Chemicals of Interest

Chemical Name	CAS#	Min. Conc.
Acrolein [2-Propenal or Acrylaldehyde]	107-02-8	1.00%
Allyl alcohol [2-Propen-1-ol]	107-18-6	1.00%
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	1.00%
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	1.00%

#### Release Flammable Chemicals of Interest

Chemical Name	CAS#	Min. Conc.
Acetaldehyde	75-07-0	1.00%
Acetylene [Ethyne]	74-86-2	1.00%
Carbon oxysulfide [Carbon oxide sulfide (COS); carbonyl sulfide]	463-58-1	1.00%
Vinylidene fluoride [Ethene, 1,1-difluoro-]	75-38-7	1.00%

#### Fuels

**Fuels:** Bunker fuel

**Fuels:** Diesel

#### Release Explosive Chemicals of Interest

Chemical Name	CAS#	Min. Conc.
Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]	6484-52-2	ACG
Ammonium perchlorate	7790-98-9	ACG
Trinitroresorcinol	82-71-3	ACG
Tritonal	54413-15-9	ACG

#### Theft/Diversion Chemical Weapon/Chemical Weapon Precursor (CW/CWP) Chemicals of Interest

Chemical Name	CAS#	Min. Conc.
Arsenic trichloride [Arsenous trichloride]	7784-34-1	30.00%
1,4-Bis(2-chloroethylthio)-n-butane	142868-93-7	
Diethyl methylphosphonite	15715-41-0	30.00%
Triethanolamine hydrochloride	637-39-8	80.00%
VX [o-Ethyl-S-2-diisopropylaminoethyl methyl phosphonothiolate]	50782-69-9	

#### Theft/Diversion Weapon of Mass Effect (WME) Chemicals of Interest

Chemical Name	CAS#	Min. Conc.
Arsine	7784-42-1	0.67%
Boron tribromide	10294-33-4	12.67%
Boron trichloride [Borane, trichloro]	10294-34-5	84.70%
Trifluorochloroethylene [Ethene, chlorotrifluoro]	79-38-9	66.67%
Tungsten hexafluoride	7783-82-6	7.10%

#### Theft/Diversion Explosive/Improvised Explosive Device Precursor (EXP/IEDP) Chemicals of Interest

Chemical Name	CAS#	Min. Conc.
Aluminum (powder)	7429-90-5	ACG
Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]	6484-52-2	ACG
Trinitroresorcinol	82-71-3	ACG
Tritonal	54413-15-9	ACG

#### Sabotage/Contamination Chemicals of Interest

Chemical Name	CAS#	Min. Conc.
Acetone cyanohydrin, stabilized	75-86-5	ACG
Acetyl bromide	506-96-7	ACG
Vinyltrichlorosilane	75-94-5	ACG
Zinc hydrosulfite [Zinc dithionite]	7779-86-4	ACG

#### Mission Critical Chemicals

**Mission Critical Chemical**  
 [Q:2.98-3412]  
 Asset 1

#### Economically Critical Chemicals

**Economically Critical Chemical**  
 [Q:2.98-3438]  
 Asset 2

#### Have all security issues and chemicals of interest from the DHS Preliminary Tier Determination Letter been entered?

[Q:2.98-3411]  
 Yes  
 No

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### Potentially Critical Assets

Enter the name and description of all potentially critical assets.

Asset Name	
[Q:3.1-3413] Pot Crit Asset	<a href="#">Delete</a> <input checked="" type="checkbox"/> <a href="#">Describe: Pot Crit Asset</a>
<input type="text"/>	<a href="#">Add</a>

Have all potentially critical assets been listed and described?

- Yes
- No

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## Potentially Critical Assets - Detail

### Pot Crit Asset

Provide a brief description of the asset including:

- the primary function (eg, storage, production, loading/unloading);
- number and type of grouped or interconnected vessels; and
- any additional facility identifying number or name. (For example, *raw material storage area, including two storage tanks T-1 and T-2*)

### Enter a brief description of the asset.

[Q:3.31-3831]

### Check the containment types used by this asset. Check all that apply.

[Q:3.31-5472]

- Process Unit
- Piping
- Pipeline
- Reactor
- Pressure Vessel
- Low Pressure Storage Tank
- Rail Car
- Tank Truck
- Isotainer
- Barge
- Cylinder
- Underground Storage
- Mounded Storage
- Other

### Check the chemical phases present. Check all that apply.

[Q:3.31-5492]

- Gas
- Liquid
- Gas Liquified by Pressure
- Gas Liquified by Refrigeration
- Solid
- Multiple Phases

### Check the types of passive mitigation associated with the asset. Check all that apply.

[Q:3.31-5493]

- Secondary Containment
- Enclosure
- Inherent Robustness
- None

## Facility Security Issues

Check all the security issues associated with this asset.

- Check if the asset involves security issues for the release toxic chemicals of interest.** [Q:3.31-5211]
- Check if the asset involves security issues for release flammable chemicals of interest.** [Q:3.31-5212]
- Check if the asset involves security issues for release explosive chemicals of interest.** [Q:3.31-5223]
- Check if the asset involves security issues for theft/diversion CW/CWP chemicals of interest.** [Q:3.31-5224]
- Check if the asset involves security issues for theft/diversion WME chemicals of interest.** [Q:3.31-5225]
- Check if the asset involves security issues for theft/diversion EXP/IEDP chemicals of interest.** [Q:3.31-5227]
- Check if the asset involves security issues for sabotage and contamination chemicals.** [Q:3.31-5229]
- Check if the asset involves security issues for mission critical chemicals.** [Q:3.31-5231]
- Check if the asset involves security issues for economically critical chemicals.** [Q:3.31-5232]

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### Potentially Critical Assets - Detail

#### Pot Crit Asset

Select all release toxic chemicals of interest (COI) associated with this asset.

Chemical Name	CAS#	Min. Conc.	Is the COI associated with this asset?
Acrolein [2-Propenal or Acrylaldehyde]	107-02-8	1.00%	[Q.3.4-3473] <input checked="" type="radio"/> Yes <input type="radio"/> No
Allyl alcohol [2-Propen-1-ol]	107-18-6	1.00%	<input checked="" type="radio"/> Yes <input type="radio"/> No
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	1.00%	<input checked="" type="radio"/> Yes <input type="radio"/> No
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	1.00%	<input checked="" type="radio"/> Yes <input type="radio"/> No

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### Potentially Critical Assets - Detail

Pot Crit Asset

Enter the quantity of release toxic chemical of interest associated with this asset (pounds).

Round the quantity to two significant digits (e.g., round 247500 pounds to 250000 pounds, and round 7625 pounds to 7600 pounds). Do not use commas when entering data.

Chemical Name	CAS#	Min. Conc.	Quantity (pounds)
Acrolein [2-Propenal or Acrylaldehyde]	107-02-8	1.00%	[0:3.41-3475] <input type="text"/>
Allyl alcohol [2-Propen-1-ol]	107-18-6	1.00%	<input type="text"/>
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	1.00%	<input type="text"/>
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	1.00%	<input type="text"/>

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### Potentially Critical Assets - Detail

Pot Crit Asset

Select all release flammable chemicals of interest (COI) associated with this asset.

Chemical Name	CAS#	Min. Conc.	Is the COI associated with this asset?
Acetaldehyde	75-07-0	1.00%	[Q:3.42-3493] <input checked="" type="radio"/> Yes <input type="radio"/> No
Acetylene [Ethyne]	74-86-2	1.00%	<input checked="" type="radio"/> Yes <input type="radio"/> No
Carbon oxysulfide [Carbon oxide sulfide (COS); carbonyl sulfide]	463-58-1	1.00%	<input checked="" type="radio"/> Yes <input type="radio"/> No
Vinylidene fluoride [Ethene, 1,1-difluoro-]	75-38-7	1.00%	<input checked="" type="radio"/> Yes <input type="radio"/> No
<b>Fuels</b>			
<b>Fuels:</b> Bunker fuel			<input checked="" type="radio"/> Yes <input type="radio"/> No
<b>Fuels:</b> Diesel			<input checked="" type="radio"/> Yes <input type="radio"/> No

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### Potentially Critical Assets - Detail

Pot Crit Asset

Enter the quantity of release flammable chemical of interest associated with this asset (pounds).

Chemical Name	CAS#	Min. Conc.	Quantity (pounds)
Acetaldehyde	75-07-0	1.00%	<input type="text"/>
Acetylene [Ethyne]	74-86-2	1.00%	<input type="text"/>
Carbon oxysulfide [Carbon oxide sulfide (COS); carbonyl sulfide]	463-58-1	1.00%	<input type="text"/>
Vinylidene fluoride [Ethene, 1,1-difluoro-]	75-38-7	1.00%	<input type="text"/>

[Q:3.43-3496]

### Fuels

**Fuels:** Bunker fuel

**Fuels:** Diesel

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### Potentially Critical Assets - Detail

#### Pot Crit Asset

Select all release explosive chemicals of interest (COI) associated with this asset.

Chemical Name	CAS#	Min. Conc.	Is the COI associated with this asset?
Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]	6484-52-2	ACG	<input checked="" type="radio"/> Yes <input type="radio"/> No
Ammonium perchlorate	7790-98-9	ACG	<input checked="" type="radio"/> Yes <input type="radio"/> No
Trinitroresorcinol	82-71-3	ACG	<input checked="" type="radio"/> Yes <input type="radio"/> No
Tritonal	54413-15-9	ACG	<input checked="" type="radio"/> Yes <input type="radio"/> No

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### Potentially Critical Assets - Detail

#### Pot Crit Asset

**Enter the quantity of release explosive chemical of interest associated with this asset (pounds).**

Chemical Name	CAS#	Min. Conc.	Quantity (pounds)
			[Q:3.45-3503]
Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]	6484-52-2	ACG	<input type="text"/>
Ammonium perchlorate	7790-98-9	ACG	<input type="text"/>
Trinitroresorcinol	82-71-3	ACG	<input type="text"/>
Tritonal	54413-15-9	ACG	<input type="text"/>

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### Potentially Critical Assets - Detail

#### Pot Crit Asset

**Select all theft/diversion CW/CWP chemicals of interest (COI) associated with this asset. Check if the chemical is available in portable, bulk transportation, or bulk storage containers.**

A portable package can either be man-portable being movable by 1-3 people without the aid of powered mechanical devices or mechanically portable with the aid of a fork lift, truck or crane.

Bulk transportation containers include tank cars, rail cars and other large storage containers that could be hitched to a vehicle for removal from a site.

A bulk storage container is one from which the COI could be safely transferred into portable package or could be moved with the aid of powered mechanical devices.

Chemical Name	CAS#	Min. Conc.	Is the COI associated with this asset?	Portable	Bulk Transport	Bulk Storage
			[Q:3.46-3507]	[Q:3.46-3552]	[Q:3.46-3553]	[Q:3.46-3554]
Arsenic trichloride [Arsenous trichloride]	7784-34-1	30.00%	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1,4-Bis(2-chloroethylthio)-n-butane	142868-93-7		<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diethyl methylphosphonite	15715-41-0	30.00%	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Triethanolamine hydrochloride	637-39-8	80.00%	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VX [o-Ethyl-S-2-diisopropylaminoethyl methyl phosphonothiolate]	50782-69-9		<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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### Potentially Critical Assets - Detail

#### Pot Crit Asset

Enter the quantity of theft/diversion CW/CWP chemical of interest (COI) associated with this asset (pounds).  
 Enter the number of containers storing COI associated with this asset.

Chemical Name	CAS#	Min. Conc.	Quantity (pounds)	Number of Containers
Arsenic trichloride [Arsenous trichloride]	7784-34-1	30.00%	[Q:3.47-3555] <input type="text"/>	[Q:3.47-5532] <input type="text"/>
1,4-Bis(2-chloroethylthio)-n-butane	142868-93-7		<input type="text"/>	<input type="text"/>
Diethyl methylphosphonite	15715-41-0	30.00%	<input type="text"/>	<input type="text"/>
Triethanolamine hydrochloride	637-39-8	80.00%	<input type="text"/>	<input type="text"/>
VX [o-Ethyl-S-2-diisopropylaminoethyl methyl phosphonothiolate]	50782-69-9		<input type="text"/>	<input type="text"/>

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### Potentially Critical Assets - Detail

#### Pot Crit Asset

**Select all theft/diversion WME chemicals of interest (COI) associated with this asset. Check if the chemical is available in portable or bulk transportation storage containers.**

A portable package can either be man-portable being movable by 1-3 people without the aid of powered mechanical devices or mechanically portable with the aid of a fork lift, truck or crane.

Bulk transportation containers include tank cars, rail cars and other large storage containers that could be hitched to a vehicle for removal from a site.

Chemical Name	CAS#	Min. Conc.	Is the COI associated with this asset?	Portable	Bulk Transport
			[Q:3.48-3514]	[Q:3.48-3571]	[Q:3.48-3572]
Arsine	7784-42-1	0.67%	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/>	<input type="checkbox"/>
Boron tribromide	10294-33-4	12.67%	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/>	<input type="checkbox"/>
Boron trichloride [Borane, trichloro]	10294-34-5	84.70%	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/>	<input type="checkbox"/>
Trifluorochloroethylene [Ethene, chlorotrifluoro]	79-38-9	66.67%	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/>	<input type="checkbox"/>
Tungsten hexafluoride	7783-82-6	7.10%	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/>	<input type="checkbox"/>

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### Potentially Critical Assets - Detail

Pot Crit Asset

Enter the quantity of theft/diversion WME chemical of interest (COI) associated with this asset (pounds).  
 Enter the number of containers storing COI associated with this asset.

Chemical Name	CAS#	Min. Conc.	Quantity (pounds)	Number of Containers
Arsine	7784-42-1	0.67%	[0:3.49-3593]	[0:3.49-5533]
Boron tribromide	10294-33-4	12.67%	<input type="text"/>	<input type="text"/>
Boron trichloride [Borane, trichloro]	10294-34-5	84.70%	<input type="text"/>	<input type="text"/>
Trifluorochloroethylene [Ethene, chlorotrifluoro]	79-38-9	66.67%	<input type="text"/>	<input type="text"/>
Tungsten hexafluoride	7783-82-6	7.10%	<input type="text"/>	<input type="text"/>

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**Potentially Critical Assets - Detail**
**Pot Crit Asset**

**Select all theft/diversion explosive/IED precursor chemicals of interest (COI) associated with this asset. Check if the chemical is available in portable, bulk transportation, or bulk storage containers.**

A portable package can either be man-portable being movable by 1-3 people without the aid of powered mechanical devices or mechanically portable with the aid of a fork lift, truck or crane.

Bulk transportation containers include tank cars, rail cars and other large storage containers that could be hitched to a vehicle for removal from a site.

A bulk storage container is one from which the COI could be safely transferred into portable package or could be moved with the aid of powered mechanical devices.

Chemical Name	CAS#	Min. Conc.	Is the COI associated with this asset?	Portable	Bulk Transport	Bulk Storage
Aluminum (powder)	7429-90-5	ACG	<small>[Q:3.5-3520]</small> <input checked="" type="radio"/> Yes <input type="radio"/> No	<small>[Q:3.5-3611]</small> <input type="checkbox"/>	<small>[Q:3.5-3612]</small> <input type="checkbox"/>	<small>[Q:3.5-3613]</small> <input type="checkbox"/>
Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]	6484-52-2	ACG	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trinitroresorcinol	82-71-3	ACG	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tritonal	54413-15-9	ACG	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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### Potentially Critical Assets - Detail

**Pot Crit Asset**

Enter the quantity of theft/diversion explosive/IED precursor chemical of interest (COI) associated with this asset (pounds).  
 Enter the number of containers storing COI associated with this asset.

Chemical Name	CAS#	Min. Conc.	Quantity (pounds)	Number of Containers
Aluminum (powder)	7429-90-5	ACG	[Q:3.51-3614] <input type="text"/>	[Q:3.51-5534] <input type="text"/>
Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]	6484-52-2	ACG	<input type="text"/>	<input type="text"/>
Trinitroresorcinol	82-71-3	ACG	<input type="text"/>	<input type="text"/>
Tritonal	54413-15-9	ACG	<input type="text"/>	<input type="text"/>

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### Potentially Critical Assets - Detail

#### Pot Crit Asset

Select all sabotage/contamination chemicals of interest associated with this asset.

Chemical Name	CAS#	Min. Conc.	Is the COI associated with this asset?
Acetone cyanohydrin, stabilized	75-86-5	ACG	<input checked="" type="radio"/> Yes <input type="radio"/> No
Acetyl bromide	506-96-7	ACG	<input checked="" type="radio"/> Yes <input type="radio"/> No
Vinyltrichlorosilane	75-94-5	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No
Zinc hydrosulfite [Zinc dithionite]	7779-86-4	ACG	<input type="radio"/> Yes <input checked="" type="radio"/> No

[Q:3.52-3527]

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### Potentially Critical Assets - Detail

Pot Crit Asset

Enter the quantity of sabotage/contamination chemical of interest associated with this asset (pounds).

Chemical Name	CAS#	Min. Conc.	Quantity (pounds)
Acetone cyanohydrin, stabilized	75-86-5	ACG	<input type="text"/>
Acetyl bromide	506-96-7	ACG	<input type="text"/>
Vinyltrichlorosilane	75-94-5	ACG	<input type="text"/>
Zinc hydrosulfite [Zinc dithionite]	7779-86-4	ACG	<input type="text"/>

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### Potentially Critical Assets - Detail

**Pot Crit Asset**

Select all mission critical chemicals listed in the Preliminary Tier Determination Letter that are associated with this asset.

Mission Critical Chemical	Is the chemical associated with this asset?
Asset 1	[Q:3.54-3633] <input checked="" type="radio"/> Yes <input type="radio"/> No

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### Potentially Critical Assets - Detail

**Pot Crit Asset**

Select all economically critical chemicals listed in the Preliminary Tier Determination Letter that are associated with this asset.

Economically Critical Chemical	Is the chemical associated with this asset?
Asset 2	[Q:3.55-3634] <input checked="" type="radio"/> Yes <input type="radio"/> No

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### Potentially Critical Assets - Detail

Pot Crit Asset

Is there a cyber control system related to this asset?

[Q:3.56-3659]

Yes

No

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### Potentially Critical Assets - Detail

Pot Crit Asset

Is there a cyber business system related to this asset?

[Q:3.561-4292]

Yes

No

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### Potentially Critical Assets - Detail

#### Pot Crit Asset

Check the box to confirm all questions to characterize this asset have been completed.

Asset Characterization Completed [Q:3.67-4752]

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## Asset Characterization

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### Potentially Critical Assets - Detail Summary

**Pot Crit Asset**

This asset is considered critical. It is included in Consequence Analysis and Vulnerability Analysis evaluations.

#### Release Toxic chemicals of interest associated with this asset.

Chemical Name	CAS#	Min. Conc.
Acrolein [2-Propenal or Acrylaldehyde]	107-02-8	1.00%
Allyl alcohol [2-Propen-1-ol]	107-18-6	1.00%
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	1.00%
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	1.00%

#### Release Flammable chemicals of interest associated with this asset.

Chemical Name	CAS#	Min. Conc.
Acetaldehyde	75-07-0	1.00%
Acetylene [Ethyne]	74-86-2	1.00%
Carbon oxysulfide [Carbon oxide sulfide (COS); carbonyl sulfide]	463-58-1	1.00%
Vinylidene fluoride [Ethene, 1,1-difluoro-]	75-38-7	1.00%

#### Fuels

**Fuels:** Bunker fuel

**Fuels:** Diesel

#### Release Explosive chemicals of interest associated with this asset.

Chemical Name	CAS#	Min. Conc.
Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]	6484-52-2	ACG
Ammonium perchlorate	7790-98-9	ACG
Trinitroresorcinol	82-71-3	ACG
Tritonal	54413-15-9	ACG

#### Theft/Diversion CW/CWP chemicals of interest associated with this asset.

Chemical Name	CAS#	Min. Conc.
Arsenic trichloride [Arsenous trichloride]	7784-34-1	30.00%
1,4-Bis(2-chloroethylthio)-n-butane	142868-93-7	
Diethyl methylphosphonite	15715-41-0	30.00%
Triethanolamine hydrochloride	637-39-8	80.00%
VX [o-Ethyl-S-2-diisopropylaminoethyl methyl phosphonothiolate]	50782-69-9	

#### Theft/Diversion WME chemicals of interest associated with this asset.

Chemical Name	CAS#	Min. Conc.
Arsine	7784-42-1	0.67%
Boron tribromide	10294-33-4	12.67%
Boron trichloride [Borane, trichloro]	10294-34-5	84.70%
Trifluorochloroethylene [Ethene, chlorotrifluoro]	79-38-9	66.67%
Tungsten hexafluoride	7783-82-6	7.10%

#### Theft/Diversion Explosive/IED Precursor chemicals of interest associated with this asset.

Chemical Name	CAS#	Min. Conc.
Aluminum (powder)	7429-90-5	ACG
Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]	6484-52-2	ACG
Trinitroresorcinol	82-71-3	ACG
Tritonal	54413-15-9	ACG

#### Sabotage/Contamination chemicals of interest associated with this asset.

Chemical Name	CAS#	Min. Conc.
Acetone cyanohydrin, stabilized	75-86-5	ACG
Acetyl bromide	506-96-7	ACG
Vinyltrichlorosilane	75-94-5	ACG
Zinc hydrosulfite [Zinc dithionite]	7779-86-4	ACG

#### Mission Critical chemicals associated with this asset.

**Mission Critical Chemical**

Asset 1

#### Economically Critical chemicals associated with this asset.

**Economically Critical Chemical**

Asset 2

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### Cyber Control Systems

List all cyber control systems by name.

List only the control systems for the potentially critical assets.

Control System Name	
[Q:3.7-3711] Control System	<input type="button" value="Delete"/> <input checked="" type="checkbox"/> <input type="button" value="Describe: Control System"/>
<input type="text"/>	<input type="button" value="Add"/>

Have all relevant cyber control systems been identified?

[Q:3.7-3712]

Yes  
 No

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### Cyber Control Systems

**Control System****Enter cyber control system description.**

[Q:3.71-3719]

**Check the asset(s) controlled by this cyber control system.****Critical Asset Name****Is the asset associated with this control system?**

[Q:3.71-3835]

Pot Crit Asset

 Yes  No[<< Back](#) [Next >>](#)

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### Cyber Business Systems

List all cyber business systems by name.

List only the business systems for the potentially critical assets.

Business System Name	
[Q:3.8-3715]	
<input type="text" value="Business System"/>	<a href="#">Delete</a>
<input type="text"/>	<a href="#">Add</a>
<input checked="" type="checkbox"/>	<a href="#">Describe: Business System</a>

Have all cyber business systems been evaluated?

[Q:3.8-3716]

Yes

No

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### Cyber Business Systems

**Business System**

Enter cyber business system description.

[Q:3.81-3720]

Check the asset(s) associated with this cyber business system.

Critical Asset Name	Is the asset associated with this business system?
---------------------	--

Pot Crit Asset	[Q:3.81-3837] <input type="radio"/> Yes <input checked="" type="radio"/> No
----------------	--

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### Summary - Potentially Critical Assets and Security Concerns

Critical Asset Name	Release Toxic	Release Flammable	Release Explosive	Sabotage/ Contamination	Theft/ Diversion CW/CWP	Theft/ Diversion WME	Theft/ Diversion EXP/IEDP
[Q:3.9-4932] Pot Crit Asset	[Q:3.9-4933]	[Q:3.9-4934]	[Q:3.9-4935]	[Q:3.9-4939]	[Q:3.9-4936]	[Q:3.9-4937]	[Q:3.9-4938]

Critical Asset Name	Mission Critical	Economic Critical
[Q:3.9-5554] Pot Crit Asset	[Q:3.9-5555]	[Q:3.9-5556]

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Select a Potentially Critical Asset from the list to begin consequence analysis.

**Critical Asset Name**

[Q:6.1-3839]

Pot Crit Asset

**Describe: Pot Crit Asset**

Have all critical assets been evaluated?

[Q:6.1-1396]

- Yes
- No

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## Asset Screening

### Pot Crit Asset

Identify the location of this asset. Click on "Locate Asset" and then click on the map to identify the location of the asset. Do not click "Next »" until the star appears showing the location of the asset.

#### Map Help

Click a button in the map toolbar to choose a tool. The tools may be used as follows:

<b>Zoom In</b>	Click and drag to create a rectangle around the area that you want to magnify.
<b>Zoom Out</b>	Click and drag to zoom out.
<b>Pan</b>	Click and drag to view other parts of the map without resizing. The map will move in the direction you drag.
<b>Full Extent</b>	Click the Full Extent button once to view the magnification that shows the entire map. At the full extent, you will not be able to zoom out further.
<b>Locate Asset</b>	Click on the map to identify the location of the asset.



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Pot Crit Asset

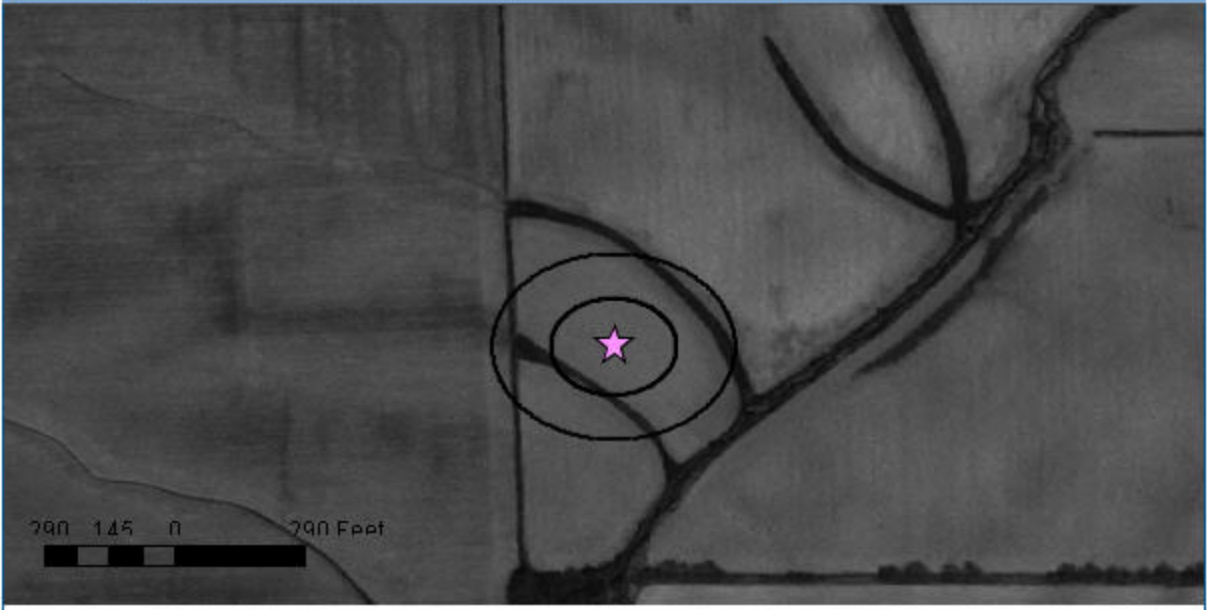
**Marine****Aircraft****Vehicle****Assault**[« Back](#)[Next »](#)

## Consequence Analysis

Pot Crit Asset :

Click on "Locate Attack Location" and then click on the map to identify the location of the attack. Zoom in around the blast circles and print this page for reference as you complete the questions that follow. Do not click "Next >>" until the blast circles appear.

Zoom In
Zoom Out
Pan
Full Extent
Locate Attack Location



The diameter of the smaller blast circle is 280.0 feet.

**If the application takes too long to draw the blast circles please reload the page by using application's BACK button.**

Map Help	
Click a button in the map toolbar to choose a tool. The tools may be used as follows:	
<b>Zoom In</b>	Click and drag to create a rectangle around the area that you want to magnify.
<b>Zoom Out</b>	Click and drag to zoom out.
<b>Pan</b>	Click and drag to view other parts of the map without resizing. The map will move in the direction you drag.
<b>Full Extent</b>	Click the Full Extent button once to view the magnification that shows the entire map. At the full extent, you will not be able to zoom out further.
<b>Locate Attack Location</b>	Click on the map to identify the location of the attack.



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## Consequence Analysis

[« Back](#) [Next »](#)**Pot Crit Asset: Marine****Enter the maximum number of employees within the outer damage radius (270 feet).**

The number should represent the typical maximum number of full-time employees and resident contractors within the combined inner and outer areas at any given time. Do not include occasional times of higher on-site workforce, such as turnarounds, in this number.

[Q:7.01-3896]

**Are there any potentially critical assets located within the inner damage radius (140 feet)?**

[Q:7.01-1531]  Yes  
 No

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## Consequence Analysis

[« Back](#)[Next »](#)**Pot Crit Asset: Marine**

**Consider the inner damage radius (140 feet). Are any of the release toxic chemicals of interest listed in the Preliminary Tier Determination Letter located within this zone?**

[Q:7.02-1459]  Yes

No

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## Consequence Analysis

**Pot Crit Asset: Marine**

**Enter the total quantity (pounds) for each release toxic chemical of interest within the inner damage radius (140 feet). Round the quantity to two significant digits (e.g., round 247500 pounds to 250000 pounds, and round 7625 pounds to 7600 pounds). Do not use commas when entering data.**

**Enter the distance of concern for each release toxic chemical of interest using RMP\*Comp (miles).**

The distance that should be reported is the downwind distance calculated using RMP\*Comp for total quantity of the regulated chemical, using additional process conditions for this chemical. Report all distances shorter than 0.1 mile as 0.1 mile, and all distances 25 miles or longer as 25 miles. (RMP\*Comp can be downloaded from <http://yosemite.epa.gov/oswer/ceppoweb.nsf/content/comp-dwn.htm>)

Chemical Name	CAS#	Min. Conc.	Total Quantity within Inner Damage Radius (pounds)	RMP*Comp Distance (miles)
Acrolein [2-Propenal or Acrylaldehyde]	107-02-8	1.00%	[Q:7.05-4014] <input type="text"/>	[Q:7.05-4016] <input type="text"/>
Allyl alcohol [2-Propen-1-ol]	107-18-6	1.00%	<input type="text"/>	<input type="text"/>
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	1.00%	<input type="text"/>	<input type="text"/>
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	1.00%	<input type="text"/>	<input type="text"/>

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Pot Crit Asset: Marine

Consider the inner damage radius (140 feet). Are any of the release flammable chemicals of interest listed in the Preliminary Tier Determination Letter located within this zone?

[Q:7.1-1731]  Yes No[« Back](#)[Next »](#)

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**Pot Crit Asset: Marine**

Enter the total quantity (pounds) for each release flammable chemical of interest within the inner damage radius (140 feet). Round the quantity to two significant digits (e.g., round 247500 pounds to 250000 pounds, and round 7625 pounds to 7600 pounds). Do not use commas when entering data.

Chemical Name	CAS#	Min. Conc.	Total Quantity within Inner Damage Radius (pounds)
Acetaldehyde	75-07-0	1.00%	[Q:7.12-1475] <input type="text"/>
Acetylene [Ethyne]	74-86-2	1.00%	<input type="text"/>
Carbon oxysulfide [Carbon oxide sulfide (COS); carbonyl sulfide]	463-58-1	1.00%	<input type="text"/>
Vinylidene chloride [Ethene, 1,1-dichloro-]	75-35-4	1.00%	<input type="text"/>
Vinylidene fluoride [Ethene, 1,1-difluoro-]	75-38-7	1.00%	<input type="text"/>
<b>Fuels</b>			
<b>Fuels:</b> Diesel			<input type="text"/>

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## Consequence Analysis

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**Consider the inner damage radius (140 feet). Are any of the release explosive chemicals of interest listed in the Preliminary Tier Determination Letter located within this zone?**

[Q:7.2-1482]  Yes No[« Back](#)[Next »](#)

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**Pot Crit Asset: Marine**

**Enter the total quantity (pounds) for each release explosive chemical of interest within the inner damage radius (140 feet). Round the quantity to two significant digits (e.g., round 247500 pounds to 250000 pounds, and round 7625 pounds to 7600 pounds). Do not use commas when entering data.**

Chemical Name	CAS#	Min. Conc.	Total Quantity within Inner Damage Radius (pounds)
Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]	6484-52-2	ACG	[0:7.22-1486] <input style="width: 100%;" type="text"/>
Ammonium perchlorate	7790-98-9	ACG	<input style="width: 100%;" type="text"/>
Trinitroresorcinol	82-71-3	ACG	<input style="width: 100%;" type="text"/>
Tritonal	54413-15-9	ACG	<input style="width: 100%;" type="text"/>

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Pot Crit Asset: Marine

What would be the replacement costs (in dollars) of damage within the inner damage radius (140 feet)? (Enter number without dollar sign or commas)

Replacement Cost:

[Q:7.29-1493]

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### Pot Crit Asset

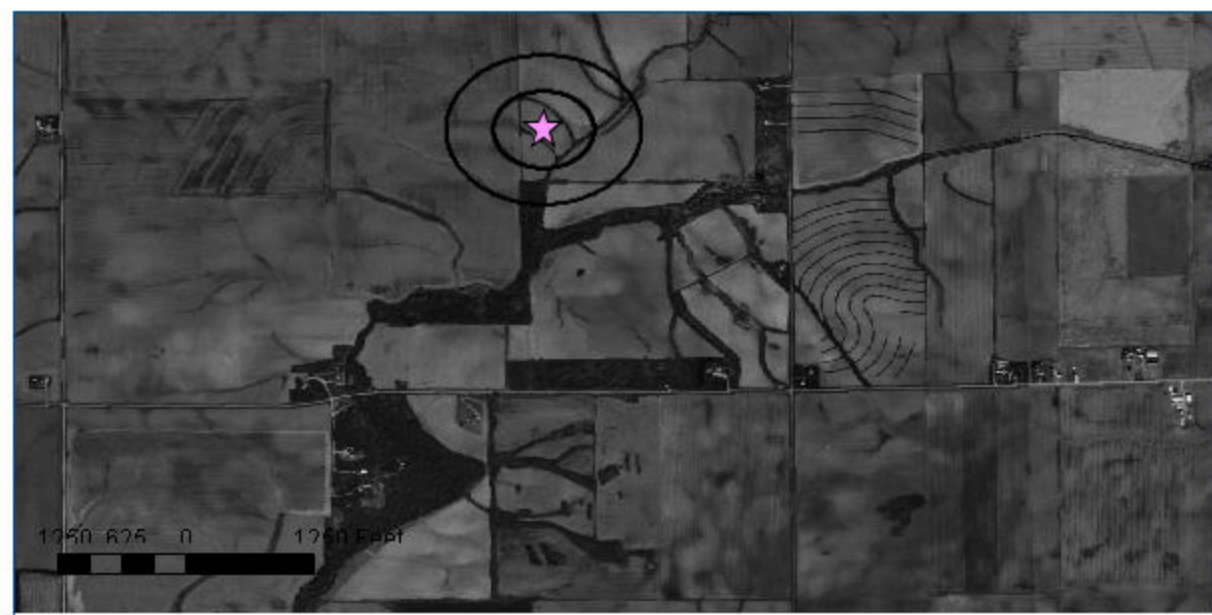
Marine Scenario Analysis.

Check the box if the scenario is completed and then press **[Next]** to continue.**Marine Scenario Completed** [Q:7.3-4417] [« Back](#)[Next »](#)

## Consequence Analysis

**Pot Crit Asset : Aircraft**

In this scenario the attack location is assumed to be the center of the asset. You do not need to choose a location. Zoom in around the blast circles and print this page for reference as you complete the questions that follow.



The diameter of the smaller blast circle is 980.0 feet.

### Map Help

Click a button in the map toolbar to choose a tool. The tools may be used as follows:

<b>Zoom In</b>	Click and drag to create a rectangle around the area that you want to magnify.
<b>Zoom Out</b>	Click and drag to zoom out.
<b>Pan</b>	Click and drag to view other parts of the map without resizing. The map will move in the direction you drag.
<b>Full Extent</b>	Click the Full Extent button once to view the magnification that shows the entire map. At the full extent, you will not be able to zoom out further.

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Pot Crit Asset: Aircraft

**Enter the maximum number of employees within the outer damage radius (950 feet)?**

The number should represent the typical maximum number of full-time employees and resident contractors within the combined inner and outer areas at any given time. Do not include occasional times of higher on-site workforce, such as turnarounds, in this number.

[Q:9.01-4063]

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Pot Crit Asset: Aircraft

Consider the inner damage radius (490 feet). Are any of the release toxic chemicals of interest listed in the Preliminary Tier Determination Letter located within this zone?

[Q:9.02-2079]  Yes No[« Back](#)[Next »](#)

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**Pot Crit Asset: Aircraft**

Enter the total quantity (pounds) for each release toxic chemical of interest within the inner damage radius (490 feet). Round the quantity to two significant digits (e.g., round 247500 pounds to 250000 pounds, and round 7625 pounds to 7600 pounds). Do not use commas when entering data.

Enter the distance of concern for each release toxic chemical of interest using RMP\*Comp (miles).

The distance that should be reported is the downwind distance calculated using RMP\*Comp for total quantity of the regulated chemical, using additional process conditions for this chemical. Report all distances shorter than 0.1 mile as 0.1 mile, and all distances 25 miles or longer as 25 miles. (RMP\*Comp can be downloaded from <http://yosemite.epa.gov/oswer/ceppoweb.nsf/content/comp-dwn.htm>)

Chemical Name	CAS#	Min. Conc.	Total Quantity within Inner Damage Radius (pounds)	RMP*Comp Distance (miles)
Acrolein [2-Propenal or Acrylaldehyde]	107-02-8	1.00%	[0:9.03-2087] <input type="text"/>	[0:9.03-4067] <input type="text"/>
Allyl alcohol [2-Propen-1-ol]	107-18-6	1.00%	<input type="text"/>	<input type="text"/>
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	1.00%	<input type="text"/>	<input type="text"/>
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	1.00%	<input type="text"/>	<input type="text"/>

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## Consequence Analysis

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**Consider the inner damage radius (490 feet). Are any of the release flammable chemicals of interest listed in the Preliminary Tier Determination Letter located within this zone?**

[Q:9.1-2142]  Yes No[« Back](#)[Next »](#)

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**Pot Crit Asset: Aircraft**

Enter the total quantity (pounds) for each release flammable chemical of interest within the inner damage radius (490 feet). Round the quantity to two significant digits (e.g., round 247500 pounds to 250000 pounds, and round 7625 pounds to 7600 pounds). Do not use commas when entering data.

Chemical Name	CAS#	Min. Conc.	Total Quantity within Inner Damage Radius (pounds)
Acetaldehyde	75-07-0	1.00%	[0.9.12-2150] <input type="text"/>
Acetylene [Ethyne]	74-86-2	1.00%	<input type="text"/>
Carbon oxysulfide [Carbon oxide sulfide (COS); carbonyl sulfide]	463-58-1	1.00%	<input type="text"/>
Vinylidene chloride [Ethene, 1,1-dichloro-]	75-35-4	1.00%	<input type="text"/>
Vinylidene fluoride [Ethene, 1,1-difluoro-]	75-38-7	1.00%	<input type="text"/>
<b>Fuels</b>			
<b>Fuels:</b> Diesel			<input type="text"/>

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## Consequence Analysis

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**Consider the inner damage radius (490 feet). Are any of the release explosive chemicals of interest listed in the Preliminary Tier Determination Letter located within this zone?**

[Q:9.2-2176]  Yes No[« Back](#)[Next »](#)



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Pot Crit Asset: Aircraft

Enter the total quantity (pounds) for each release explosive chemical of interest within the inner damage radius (490 feet). Round the quantity to two significant digits (e.g., round 247500 pounds to 250000 pounds, and round 7625 pounds to 7600 pounds). Do not use commas when entering data.

Chemical Name	CAS#	Min. Conc.	Total Quantity within Inner Damage Radius (pounds)
Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]	6484-52-2	ACG	[0:9.22-2184] <input type="text"/>
Ammonium perchlorate	7790-98-9	ACG	<input type="text"/>
Trinitroresorcinol	82-71-3	ACG	<input type="text"/>
Tritonal	54413-15-9	ACG	<input type="text"/>

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Pot Crit Asset: Aircraft

**What would be the replacement costs (in dollars) of damage within the inner damage radius (490 feet)? (Enter number without dollar sign or commas)**

Replacement Cost

[Q:9.26-2202]

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### Pot Crit Asset

Aircraft Scenario Analysis.

Check the box if the scenario is completed and then press **[Next]** to continue.**Aircraft Scenario Completed** [Q:9.3-4421] [« Back](#)[Next »](#)

## Consequence Analysis

Pot Crit Asset : Vehicle

Click on "Locate Attack Location" and then click on the map to identify the location of the attack. Zoom in around the blast circles and print this page for reference as you complete the questions that follow. Do not click "Next >>" until the blast circles appear.



The diameter of the smaller blast circle is 340.0 feet.

**If the application takes too long to draw the blast circles please reload the page by using application's BACK button.**

### Map Help

Click a button in the map toolbar to choose a tool. The tools may be used as follows:

<b>Zoom In</b>	Click and drag to create a rectangle around the area that you want to magnify.
<b>Zoom Out</b>	Click and drag to zoom out.
<b>Pan</b>	Click and drag to view other parts of the map without resizing. The map will move in the direction you drag.
<b>Full Extent</b>	Click the Full Extent button once to view the magnification that shows the entire map. At the full extent, you will not be able to zoom out further.
<b>Locate Attack Location</b>	Click on the map to identify the location of the attack.

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## Consequence Analysis

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### Enter the maximum number of employees within the outer damage radius (340 feet)?

The number should represent the typical maximum number of full-time employees and resident contractors within the combined inner and outer areas at any given time. Do not include occasional times of higher on-site workforce, such as turnarounds, in this number.

[Q:8.01-3995] 

### Are there any potentially critical assets within the inner damage radius (170 feet)?

[Q:8.01-3996]  Yes  
 No[« Back](#) [Next »](#)

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## Consequence Analysis

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Consider the inner damage radius (170 feet). Are any of the release toxic chemicals of interest listed in the Preliminary Tier Determination Letter located within this zone?

 [Q:8.02-1861] Yes No[« Back](#)[Next »](#)

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**Pot Crit Asset: Vehicle**

Enter the total quantity (pounds) for each release toxic chemical of interest within the inner damage radius (170 feet). Round the quantity to two significant digits (e.g., round 247500 pounds to 250000 pounds, and round 7625 pounds to 7600 pounds). Do not use commas when entering data.

Enter the distance of concern for each release toxic chemical of interest using RMP\*Comp (miles).

The distance that should be reported is the downwind distance calculated using RMP\*Comp for total quantity of the regulated chemical, using additional process conditions for this chemical. Report all distances shorter than 0.1 mile as 0.1 mile, and all distances 25 miles or longer as 25 miles. (RMP\*Comp can be downloaded from <http://yosemite.epa.gov/oswer/ceppoweb.nsf/content/comp-dwn.htm>)

Chemical Name	CAS#	Min. Conc.	Total Quantity within Inner Damage Radius (pounds)	RMP*Comp Distance (miles)
			[Q:8.03-1869]	[Q:8.03-4033]
Acrolein [2-Propenal or Acrylaldehyde]	107-02-8	1.00%	<input type="text"/>	<input type="text"/>
Allyl alcohol [2-Propen-1-ol]	107-18-6	1.00%	<input type="text"/>	<input type="text"/>
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	1.00%	<input type="text"/>	<input type="text"/>
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	1.00%	<input type="text"/>	<input type="text"/>

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## Consequence Analysis

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**Consider the inner damage radius (170 feet). Are any of the release flammable chemicals of interest listed in the Preliminary Tier Determination Letter located within this zone?**

[Q:8.1-1884]  Yes No[« Back](#)[Next »](#)



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## Consequence Analysis

**Pot Crit Asset: Vehicle**

Enter the total quantity (pounds) for each release flammable chemical of interest within the inner damage radius (170 feet). Round the quantity to two significant digits (e.g., round 247500 pounds to 250000 pounds, and round 7625 pounds to 7600 pounds). Do not use commas when entering data.

Chemical Name	CAS#	Min. Conc.	Total Quantity within Inner Damage Radius (pounds)
Acetaldehyde	75-07-0	1.00%	[0:8.12-1892] <input type="text" value="0"/>
Acetylene [Ethyne]	74-86-2	1.00%	<input type="text" value="0"/>
Carbon oxysulfide [Carbon oxide sulfide (COS); carbonyl sulfide]	463-58-1	1.00%	<input type="text" value="0"/>
Vinylidene chloride [Ethene, 1,1-dichloro-]	75-35-4	1.00%	<input type="text" value="0"/>
Vinylidene fluoride [Ethene, 1,1-difluoro-]	75-38-7	1.00%	<input type="text" value="0"/>
<b>Fuels</b>			
<b>Fuels:</b> Diesel			<input type="text" value="0"/>

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Pot Crit Asset: Vehicle

Consider the inner damage radius (170 feet). Are any of the release explosive chemicals of interest listed in the Preliminary Tier Determination Letter located within this zone?

[Q:8.2-1907]  Yes No[« Back](#)[Next »](#)

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**Pot Crit Asset: Vehicle**

**Enter the total quantity (pounds) for each release explosive chemical of interest within the inner damage radius (170 feet). Round the quantity to two significant digits (e.g., round 247500 pounds to 250000 pounds, and round 7625 pounds to 7600 pounds). Do not use commas when entering data.**

Chemical Name	CAS#	Min. Conc.	Total Quantity within Inner Damage Radius (pounds)
Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]	6484-52-2	ACG	[Q:8.22-2048] <input type="text" value="0"/>
Ammonium perchlorate	7790-98-9	ACG	<input type="text" value="0"/>
Trinitroresorcinol	82-71-3	ACG	<input type="text" value="0"/>
Tritonal	54413-15-9	ACG	<input type="text" value="0"/>

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Pot Crit Asset: Vehicle

What would be the replacement costs (in dollars) of damage within the inner damage radius (170 feet)? (Enter number without dollar sign or commas)

Replacement Cost

[Q:8.26-2066]

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### Pot Crit Asset

Vehicle Scenario Analysis.

Check the box if the scenario is completed and then press **[Next]** to continue.**Vehicle Scenario Completed** [Q:8.3-4419] [« Back](#)[Next »](#)

## Consequence Analysis

Pot Crit Asset : Assault Team

In this scenario the attack location is assumed to be the center of the asset. You do not need to choose a location. Zoom in around the blast circles and print this page for reference as you complete the questions that follow.

Zoom In Zoom Out Pan Full Extent



The diameter of the smaller blast circle is 110.0 feet.

### Map Help

Click a button in the map toolbar to choose a tool. The tools may be used as follows:

<b>Zoom In</b>	Click and drag to create a rectangle around the area that you want to magnify.
<b>Zoom Out</b>	Click and drag to zoom out.
<b>Pan</b>	Click and drag to view other parts of the map without resizing. The map will move in the direction you drag.
<b>Full Extent</b>	Click the Full Extent button once to view the magnification that shows the entire map. At the full extent, you will not be able to zoom out further.

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## Consequence Analysis

[« Back](#)[Next »](#)**Pot Crit Asset: Assault Team****Enter the maximum number of employees within the outer damage radius (110 feet)?**

The number should represent the typical maximum number of full-time employees and resident contractors within the combined inner and outer areas at any given time. Do not include occasional times of higher on-site workforce, such as turnarounds, in this number.

[Q:10.01-4080]

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## Consequence Analysis

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**Consider the inner damage radius (55 feet). Are any of the release toxic chemicals of interest listed in the Preliminary Tier Determination Letter located within this zone?**

[Q:10.02-2134]  Yes No[« Back](#)[Next »](#)



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## Consequence Analysis

**Pot Crit Asset: Assault Team**

Enter the total quantity (pounds) for each release toxic chemical of interest within the inner damage radius (55 feet). Round the quantity to two significant digits (e.g., round 247500 pounds to 250000 pounds, and round 7625 pounds to 7600 pounds). Do not use commas when entering data.

Enter the distance of concern for each release toxic chemical of interest using RMP\*Comp (miles).

The distance that should be reported is the downwind distance calculated using RMP\*Comp for total quantity of the regulated chemical, using additional process conditions for this chemical. Report all distances shorter than 0.1 mile as 0.1 mile, and all distances 25 miles or longer as 25 miles. (RMP\*Comp can be downloaded from <http://yosemite.epa.gov/oswer/ceppoweb.nsf/content/comp-dwn.htm>)

Chemical Name	CAS#	Min. Conc.	Total Quantity within Inner Damage Radius (pounds)	RMP*Comp Distance (miles)
			[Q:10.03-4085]	[Q:10.03-4086]
Acrolein [2-Propenal or Acrylaldehyde]	107-02-8	1.00%	<input type="text"/>	<input type="text"/>
Allyl alcohol [2-Propen-1-ol]	107-18-6	1.00%	<input type="text"/>	<input type="text"/>
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	1.00%	<input type="text"/>	<input type="text"/>
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	1.00%	<input type="text"/>	<input type="text"/>

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Consider the inner damage radius (490 feet). Are any of the release flammable chemicals of interest listed in the Preliminary Tier Determination Letter located within this zone?

[Q:10.1-2222]  Yes

No

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**Pot Crit Asset: Assault Team**

Enter the total quantity (pounds) for each release flammable chemical of interest within the inner damage radius (55 feet). Round the quantity to two significant digits (e.g., round 247500 pounds to 250000 pounds, and round 7625 pounds to 7600 pounds). Do not use commas when entering data.

Chemical Name	CAS#	Min. Conc.	Total Quantity within Inner Damage Radius (pounds)
Acetaldehyde	75-07-0	1.00%	<small>[Q:10.12-4091]</small> <input type="text" value="0"/>
Acetylene [Ethyne]	74-86-2	1.00%	<input type="text" value="0"/>
Carbon oxysulfide [Carbon oxide sulfide (COS); carbonyl sulfide]	463-58-1	1.00%	<input type="text" value="0"/>
Vinylidene chloride [Ethene, 1,1-dichloro-]	75-35-4	1.00%	<input type="text" value="0"/>
Vinylidene fluoride [Ethene, 1,1-difluoro-]	75-38-7	1.00%	<input type="text" value="0"/>
<b>Fuels</b>			
Fuels: Diesel			<input type="text" value="0"/>

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Pot Crit Asset: Assault Team

Consider the inner damage radius (55 feet). Are any of the release explosive chemicals of interest listed in the Preliminary Tier Determination Letter located within this zone?

[Q:10.2-2248]  Yes No[« Back](#)[Next »](#)

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**Pot Crit Asset: Assault Team**

**Enter the total quantity (pounds) for each release explosive chemical of interest within the inner damage radius (55 feet). Round the quantity to two significant digits (e.g., round 247500 pounds to 250000 pounds, and round 7625 pounds to 7600 pounds). Do not use commas when entering data.**

Chemical Name	CAS#	Min. Conc.	Total Quantity within Inner Damage Radius (pounds)
Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]	6484-52-2	ACG	<input type="text" value="0"/>
Ammonium perchlorate	7790-98-9	ACG	<input type="text" value="0"/>
Trinitroresorcinol	82-71-3	ACG	<input type="text" value="0"/>
Tritonal	54413-15-9	ACG	<input type="text" value="0"/>

[Q:10.22-4098]

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Pot Crit Asset: Assault Team

What would be the replacement costs (in dollars) of damage within the inner damage radius (55 feet)? (Enter number without dollar sign or commas)

Replacement Cost

[Q:10.26-2274]

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### Pot Crit Asset

Assault Team Scenario Analysis.

Check the box if the scenario is completed and then press **[Next]** to continue.

**Assault Team Scenario Completed** [Q:10.3-4423]

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### Pot Crit Asset

Consequence Analysis

Check the box if the analysis for this asset is completed, and then press **[Next]** to continue.**Consequence Analysis Completed** [Q:6.6-4772] [« Back](#)[Next »](#)



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## Vulnerability Analysis

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Select the Risk Based Performance Standard (RBPS) below to collect information on the current security posture of the facility.

- RBPS 1 - Restricted Area Perimeter**
- RBPS 3 - Screen and Control Access**
- RBPS 4 - Detect, Deter, and Delay**
- RBPS 5 - Shipping, Receipt, and Storage**
- RBPS 6 - Theft and Diversion**
- RBPS 7 - Sabotage/Tampering**
- RBPS 8 - Cyber**
- RBPS 9 - Response**
- RBPS 12 - Personal Security**

Have all RBPS questions been completed?

[Q:14.0-5151]

- Yes
- No

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## Vulnerability Analysis

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### Restrict Area Perimeter - Secure and monitor the perimeter of the facility.

Select from among the examples provided below any specific measures that are applicable to your facility. These examples are provided for your convenience, and you are not required to select any of these examples; instead you may select "Other" and provide a narrative description of any relevant measures that you believe address the issue posed, or you may select "None" if you believe that none of the examples provided apply to your facility and you have not described any other relevant measures.

#### Perimeter Security

[Q:15.1-5653]

- The facility has an extremely robust, high integrity system to secure the perimeter that severely restricts or delays any attempts by unauthorized persons to gain access to the facility. To achieve this standard, a facility is likely to use the following:
  - An exterior perimeter fence that is a security fence or equivalent barrier that meets industrial consensus standards (e.g., a 7-foot chain link fence plus a 1 foot top guard of barbed wire).
  - A clear zone on either side of the fence that allows persons to be detected at the boundary. Where vehicles can access either side of the boundary, the clear zone is wide enough to allow detection of the presence of vehicles (e.g., approximately 10 feet).
  
- The facility has a robust, high integrity system to secure the perimeter that would give unauthorized persons a very low probability of gaining access to the facility. To achieve this standard, a facility is likely to use the following:
  - An exterior perimeter fence that is a security fence or equivalent barrier that meets industrial consensus standards (e.g., a 7-foot chain link fence plus a 1 foot top guard of barbed wire).
  - A clear zone on either side of the fence that allows persons to be detected at the boundary. Where vehicles can access either side of the boundary, the clear zone is wide enough to allow detection of the presence of vehicles (e.g., approximately 10 feet).
  
- The facility has a system to secure the perimeter that would give unauthorized persons a low probability of gaining access to the facility. To achieve this standard, a facility is likely to use a single security barrier, such as:
  - An exterior perimeter fence that is a security fence or equivalent barrier that meets industrial consensus standards (e.g., a 7-foot chain link fence plus a 1 foot top guard of barbed wire).
  
- The facility has a system to secure the perimeter that reduces the possibility of access of to the facility by unauthorized persons. To achieve this standard, a facility is likely to use a single security barrier, such as:
  - An exterior perimeter fence that is a security fence or equivalent barrier that meets industrial consensus standards (e.g., a 7-foot chain link fence plus a 1 foot top guard of barbed wire).
  
- Other
- None

#### If "Other" selected for Perimeter Security, please explain.

[Q:15.1-5654]

#### Vehicle Barriers

[Q:15.1-3213]

- Vehicles would have a very low likelihood of accessing the target by force anywhere along the entire perimeter where vehicle attack is a possible mode of attack. To achieve this, a facility is likely to use aggregate barriers with a minimum of a DS K8 vehicle barrier rating or equivalent. Examples include:
  - Vehicle deterrence measures such as bollards, landscaping, berms, ditches, drainage swale, or buried concrete anchors retaining anti-vehicle cable wherever the perimeter is accessible to a vehicle.
  - Entrances equipped with traffic control systems to slow incoming traffic, such as serpentine barriers outside the gate.
  
- Vehicles would have a low likelihood of accessing the target by force anywhere along the entire perimeter where vehicle attack is a possible mode of attack. To achieve this, a facility is likely to use aggregate barriers with a minimum of a DS K8 vehicle barrier rating or equivalent. Examples include:
  - Vehicle deterrence measures such as bollards, landscaping, berms, ditches, drainage swale, or buried concrete anchors retaining anti-vehicle cable wherever the perimeter is accessible to a vehicle.
  - Entrances equipped with traffic control systems to slow incoming traffic, such as serpentine barriers outside the gate.
  
- Vehicles would have a reduced likelihood of accessing the target by force anywhere along the entire perimeter where vehicle attack is a possible mode of attack. To achieve this, a facility is likely to use active or passive barriers with a minimum DS K4 vehicle barrier rating or equivalent at perimeter control points where vehicles normally enter and leave the facility and other anti-vehicle barriers such as ditches, revetments, or other man-made or naturally occurring barriers for the remainder of the perimeter where vehicle attack is a possible mode of attack.
- Vehicles would have a reduced likelihood of accessing the target by force at the perimeter control points where vehicles normally enter and leave the facility. To achieve this, a facility is likely to use anti-vehicle barriers such as ditches, revetments, or other man-made or naturally occurring barriers.
- Other
- None

#### If "Other" selected for Vehicle Barriers, please explain.

[Q:15.1-5655]

#### Standoff Distance

[Q:15.1-5671]

- Sufficient vehicle standoff distance is provided to ensure that vehicle-borne improvised explosive devices will not cause a breach of containment resulting in an uncontrolled release of a chemical of interest from the nearest point of attack.
- Other
- None

#### If "Other" selected for Standoff Distance, please explain.

[Q:15.1-5672]

#### Monitoring and Surveillance

[Q:15.1-5673]

- The facility has an extremely reliable perimeter monitoring system which continuously monitors the entire length of the facility perimeter, allows for the identification and evaluation of an intrusion in real time, and provides notification of intrusion to a continuously manned location. In the context of this metric, "real time" means that an adverse act virtually always is detected and reported to responders at the time of occurrence. "Extremely reliable" means that the monitoring system is operable during all anticipated conditions, including complete darkness, twilight, inclement weather, and loss of power, with monitoring system components designed, laid-out, and constructed to avoid common cause/dependent failures and provide redundant signal processing equipment where digital signal processing is used. To achieve this, a facility typically will use an integrated, multi-sensor system that:
  - Provides intrusion detection and video surveillance around 100% of the perimeter or 100% of the restricted area around the designated COI target.
  - Whose images or other output are continuously monitored by a dedicated person, software, or other detection methods used in conjunction with the system.
  - Has emergency back up power and/or an equivalent written contingency procedure.
  - General area as well as access portal (face view) CCTV surveillance at all.
  
- The facility has a very reliable perimeter monitoring system which continuously monitors the entire length of the facility perimeter, allows for the identification and evaluation of an intrusion in real time, and provides notification of intrusion to a continuously monitored location. In the context of this metric, "real time" means that an adverse act most likely is detected and reported to responders at the time of occurrence. "Very reliable" means that the monitoring system is operable during ambient light, inclement weather, and fluctuating power conditions; with monitoring system components designed, laid-out, and constructed so as to avoid common cause/dependent failures and provide redundant signal processing equipment where digital signal processing is used. To achieve this, a facility typically will use an integrated monitoring system that:
  - Provides intrusion detection and video surveillance around designated COI target areas.
  - Whose images or other output are continuously monitored by a dedicated person, software, or other detection methods used in conjunction with the system.
  - Has emergency back up power and/or an equivalent written contingency procedure.
  
- The facility has a reliable perimeter monitoring system that allows for the identification of the presence of an intrusion in real time for the area(s) containing the target asset(s). In the context of this metric, "real time" means that an adverse act likely is detected and reported to responders in a timely manner. "Reliable" means that the monitoring system is operable during ambient light conditions. To achieve this, a facility typically will use an integrated monitoring system that:
  - Provides intrusion detection and video surveillance around designated COI target areas
  - Has emergency back up power and/or an equivalent written contingency procedure.
  
- The facility has a monitoring system that allows for the identification of the presence of an intrusion in the area(s) containing the target asset(s). To achieve this, a facility typically will use security patrols of the facility or an integrated monitoring system that provides intrusion detection and video surveillance around designated COI target areas, is fully operable during all lighting conditions.
- Other
- None

#### If "Other" selection for Monitoring and Surveillance, please explain.

[Q:15.1-5674]

#### Check if all the Restrict Area Perimeter questions have been answered.

**Restrict Area Perimeter Completed** [Q:15.1-5691]

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## Vulnerability Analysis

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### Screen and Control Access

Select from among the examples provided below any specific measures that are applicable to your facility. These examples are provided for your convenience, and you are not required to select any of these examples; instead you may select "Other" and provide a narrative description of any relevant measures that you believe address the issue posed, or you may select "None" if you believe that none of the examples provided apply to your facility and you have not described any other relevant measures.

**Screen and Control Access - Control access to the facility and to restricted areas within the facility by screening and/or inspecting individuals and vehicles as they enter, including:**

- (i) Measures to deter the unauthorized introduction of dangerous substances and devices that may facilitate an attack or actions having serious negative consequences for the population surrounding the facility; and
- (ii) Measures implementing a regularly updated identification system that checks the identification of facility personnel and other persons seeking access to the facility and that discourages abuse through established disciplinary measures.

#### Access Control Points

[Q:15.2-4185]

The facility has a robust access control system that can demonstrate an extremely high reliability to thwart adversary attempts to gain unauthorized access. To achieve this, a facility is likely to use a combination of the following:

- A system providing for the verification of the authorization for access by a photo identification card or biometrics.
- Access points are manned by security personnel when open for use, and are either manned or continuously monitored at all other times.
- Gates and anti-passback devices (e.g., turnstiles) activated by an electronic access system using badges for vehicle and personnel entrances for both the outer perimeter and internal restricted areas.
- A separate access gate for contractor personnel.
- Access control systems that are programmable to allow multi-level access.

The facility has an access control system that can demonstrate a high reliability to thwart adversary attempts to gain unauthorized access. To achieve this, a facility is likely to use a combination of the following:

- A system providing for the verification of the authorization for access by a photo identification card or biometrics.
- Access points are manned by security personnel when open for use, and are either manned or continuously monitored at all other times.
- Gates and anti-passback devices (e.g., turnstiles) activated by an electronic access system using badges for vehicle and personnel entrances for both the outer perimeter and internal restricted areas.
- Access control systems that are programmable to allow multi-level access.

The facility has an access control system that reliably thwarts adversary attempts to gain unauthorized access. To achieve this, a facility is likely to use a combination of the following:

- A system providing for the verification of the authorization for access by a photo identification card or electronic key access.
- Access points are either manned by security personnel or are closed and monitored.
- Gates and anti-passback devices (e.g., turnstiles) activated by an electronic access system using badges for vehicle and personnel entrances for both the outer perimeter and internal restricted areas.

The facility has a system to verify the identity of individuals seeking entry to restricted areas to control unauthorized access, such as use of a photo identification card or electronic key access. Facility access points are either manned or closed and monitored.

- Other
- None

#### If "Other" selected for Access Point Controls, please explain.

[Q:15.2-5692]

#### Identity Verification Systems

[Q:15.2-4186]

Unauthorized persons would be highly unlikely to gain unauthorized access due to the robustness of identity verification systems. To achieve this, a facility may do the following:

- All employees and other selected persons are issued tamper-proof ID badges with, at a minimum, the individuals name and photo, that are worn in a visible position when onsite.
- All other personnel are documented, issued a temporary badge, and escorted at all times while onsite.
- Unknown vehicles remain outside the facility perimeter or in a secured area while they and their occupants are being vetted.
- All unescorted personnel (e.g., employees, regular contractors, and transport drivers) are issued electronic photo ID badges integrated with the facility access control system.

Unauthorized persons would be unlikely to gain unauthorized access due to the robustness of identity verification systems. To achieve this, a facility may do the following:

- All employees and other selected persons are issued tamper-proof ID badges with, at a minimum, the individuals name and photo, that are worn in a visible position when onsite.
- All other personnel are documented, issued a temporary badge, and escorted while in restricted areas, and escorted or continuously monitored elsewhere onsite.
- Unknown vehicles remain outside the facility perimeter or in a secured area while they and their occupants are being vetted.
- All unescorted personnel (e.g., employees, regular contractors, and transport drivers) are issued electronic photo ID badges integrated with the facility access control system.

The facility has access control systems that provide for reasonable identity verification, such as the issuing of tamper-proof ID badges to all facility employees, and the provision of visitor badges to, and escorting or monitoring of, all individuals without permanent ID badges.

- Other
- None

#### If "Other" selected for Identity Verification Systems, please explain.

[Q:15.2-5693]

#### Onsite Parking

[Q:15.2-4187]

Parking onsite is minimized and vehicular access to secure areas is restricted (e.g., only company vehicles are allowed onsite, no personally owned vehicles may park onsite, and no delivery vehicles are allowed onsite without an escort).

Parking onsite is minimized and vehicular access to secure areas is restricted (e.g., company vehicles and a very limited number of personally owned employee or contractor vehicles are authorized to park onsite, no visitors may park onsite, and delivery vehicles are escorted in restricted areas).

Authorized employee, contractor, and visitor vehicles parking onsite are kept to a minimum and some authorized delivery vehicles may have unescorted facility access.

- Other
- None

#### If "Other" selected for Onsite Parking, please explain.

[Q:15.2-5694]

#### Screening and Inspections

[Q:15.2-4184]

The facility has a robust screening system that extremely reliably deters the unauthorized introduction of dangerous substances to the facility. A typical facility may use the following means to achieves this standard:

- The facility has the ability to inspect all vehicles and all of the articles carried by individuals seeking access to the facility, and, under normal operating procedures, performs random, rigorous inspections of at least 30% of all vehicles and hand-carried articles both inbound and, for where theft assets are located, outbound.
- Inspections of individuals themselves are performed when the situation warrants.
- Trucks and rail cars are inspected upon entering the facility and prior to loading.

The facility has a screening system that reliably deters the unauthorized introduction of dangerous substances to the facility. A typical facility may use the following means to achieves this standard:

- The facility has the ability to inspect all vehicles and all of the articles carried by individuals seeking access to the facility, and, under normal operating procedures, performs random, rigorous inspections of at least 15% of all vehicles and hand-carried articles.
- Inspections of individuals themselves are performed when the situation warrants.
- Trucks and rail cars are inspected upon entering the facility and prior to loading.

The facility has a screening system that reasonably deters the unauthorized introduction of dangerous substances to the facility. A typical facility may use the following means to achieves this standard:

- The facility has the ability to inspect all vehicles and all of the articles carried by individuals seeking access to the facility, and, under normal operating procedures, performs random, rigorous inspections of at least 5% of all vehicles and hand-carried articles.
- Inspections of individuals themselves are performed when the situation warrants.
- Trucks and rail cars are inspected upon entering the facility and prior to loading.

The facility has a screening system that reasonably deters the unauthorized introduction of dangerous substances to the facility, and performs inspections of vehicles, individuals, and hand-carried articles when the situation warrants.

- Other
- None

#### If "Other" selected for Screening and Inspections, please explain.

[Q:15.2-5711]

#### Check if all the Screen and Control Access questions have been answered.

Screen and Control Access Completed [Q:15.2-5712]

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### Detect, Deter, and Delay

Select from among the examples provided below any specific measures that are applicable to your facility. These examples are provided for your convenience, and you are not required to select any of these examples; instead you may select "Other" and provide a narrative description of any relevant measures that you believe address the issue posed, or you may select "None" if you believe that none of the examples provided apply to your facility and you have not described any other relevant measures.

- Deter, Detect, and Delay - Deter, detect, and delay an attack, creating sufficient time between detection of an attack and the point at which the attack becomes successful, including measures to:**
- (i) Deter vehicles from penetrating the facility perimeter, gaining unauthorized access to restricted areas or otherwise presenting a hazard to potentially critical targets;
  - (ii) Deter attacks through visible, professional, well maintained security measures and systems, including security personnel, detection systems, barriers and barricades, and hardened or reduced value targets;
  - (iii) Detect attacks at early stages, through counter-surveillance, frustration of opportunity to observe potential targets, surveillance and sensing systems, and barriers and barricades; and
  - (iv) Delay an attack for a sufficient period of time so to allow appropriate response through on-site security response, barriers and barricades, hardened targets, and well-coordinated response planning.

#### Deterrence and Delay General

- [Q:15.3-6713]
- Through a combination of onsite security, barriers and barricades, hardened targets, and well-coordinated response planning, the facility has a very high likelihood of deterring an attack and/or delaying an attack for a sufficient period of time to allow appropriate response
  - Through a combination of onsite security, barriers and barricades, hardened targets, and well-coordinated response planning, the facility has a high likelihood of deterring an attack and/or delaying an attack for a sufficient period of time to allow appropriate response
  - Through a combination of onsite security, barriers and barricades, hardened targets, and well-coordinated response planning, the facility has some ability to deter and/or delay an attack allowing appropriate response
  - The facility has some ability to deter and/or delay an attack allowing appropriate response through well-coordinated response planning
  - Other
  - None

#### If "Other" selected for Deterrence and Delay General, please explain.

[Q:15.3-6714]

#### Deterrence and Delay Vehicle Barriers

- [Q:15.3-3233]
- The facility has robust, highly reliable measures (e.g., DS K8 - K12 range equivalent crash-rated anti-vehicle barrier) that deter vehicles from penetrating the facility perimeter, and make it highly unlikely that a vehicle could gain access by force or otherwise present a hazard to potentially critical targets
  - The facility has reliable measures (e.g., DS K8 or equivalent crash-rated anti-vehicle barrier) that deter vehicles from penetrating the facility perimeter, and make it unlikely that a vehicle could gain access by force or otherwise present a hazard to potentially critical targets.
  - The facility has measures (e.g., DS K4 or equivalent crash-rated anti-vehicle barrier) that deter vehicles from penetrating the facility perimeter, and make it difficult for most vehicles to breach the control point by force or otherwise present a hazard to potentially critical targets.
  - The facility has some measures (e.g., active or passive barriers) that deter vehicles from accessing the facility without authorization
  - Other
  - None

#### If "Other" selected for Deterrence and Delay Vehicle Barriers, please explain.

[Q:15.3-6715]

#### Detection Monitoring and Surveillance

- [Q:15.3-6716]
- The facility has an extremely reliable perimeter monitoring system which continuously monitors the entire length of the facility perimeter, allows for the identification and evaluation of an intrusion in real time, and provides notification of intrusion to a continuously manned location. In the context of this metric, "real time" means that an adverse act virtually always is detected and reported to responders at the time of occurrence. "Extremely reliable" means that the monitoring system is operable during all anticipated conditions, including complete darkness, twilight, inclement weather, and loss of power; with monitoring system components designed, laid-out, and constructed to avoid common cause/dependent failures and provide redundant signal processing equipment where digital signal processing is used. To achieve this, a facility typically will use an integrated, multi-sensor system that:
    - Provides intrusion detection and video surveillance around 100% of the perimeter.
    - Whose images or other output are continuously monitored by a dedicated person, software, or other detection methods. used in conjunction with the system
    - has emergency back up and/or an equivalent written contingency procedure.
  - The facility has a very reliable perimeter monitoring system which continuously monitors the entire length of the facility perimeter, allows for the identification and evaluation of an intrusion in real time, and provides notification of intrusion to a continuously monitored location. In the context of this metric, "real time" means that an adverse act most likely is detected and reported to responders at the time of occurrence. "Very reliable" means that the monitoring system is operable during ambient light, inclement weather, and fluctuating power conditions; with monitoring system components designed, laid-out, and constructed so as to avoid common cause/dependent failures and provide redundant signal processing equipment where digital signal processing is used. To achieve this, a facility typically will use an integrated monitoring system that:
    - Provides intrusion detection and video surveillance around designated COI target areas and that do not have passive vehicle barriers.
    - Whose images or other output are continuously monitored by a dedicated person, software, or other detection methods. used in conjunction with the system.
    - has emergency back up and/or an equivalent written contingency procedure.
  - The facility has a reliable perimeter monitoring system that allows for the identification of the presence of an intrusion in real time for the area(s) containing the target asset(s). In the context of this metric, "real time" means that an adverse act likely is detected and reported to responders in a timely manner. "Reliable" means that the monitoring system is be operable during ambient light conditions. To achieve this, a facility typically will use an integrated monitoring system that:
    - Provides intrusion detection and video surveillance around designated COI target areas.
    - Has emergency back up power and/or an equivalent written contingency procedure.
  - The facility has a monitoring system that allows for the identification of the presence of an intrusion in the area(s) containing the target asset(s). To achieve this, a facility typically will use security patrols of the facility or an integrated monitoring system that provides intrusion detection and video surveillance around designated COI target areas, is fully operable during all lighting conditions, and has emergency back up power and/or an equivalent written contingency procedure.
  - Other
  - None

#### If "Other" selected for Detection Monitoring and Surveillance, please explain.

[Q:15.3-6717]

#### Detection Security Operations Centers

- [Q:15.3-6718]
- The facility has a very high likelihood of detecting attacks at early stages, through counter-surveillance, frustration of opportunity to observe potential targets, surveillance and sensing systems, and barriers or barricades. To achieve this level of detection, a facility typically maintains a facility-wide intrusion detection system that is continually monitored from a Security Operations Center, and has an adequate backup capability.
  - The facility has a high likelihood of detecting attacks at early stages, through counter-surveillance, frustration of opportunity to observe potential targets, surveillance and sensing systems, and barriers or barricades. To achieve this level of detection, a facility typically maintains a facility-wide intrusion detection system that is continually monitored from a Security Operations Center.
  - The facility has some ability to detect attacks at early stages, through counter-surveillance, frustration of opportunity to observe potential targets, surveillance and sensing systems, and barriers or barricades.
  - The facility has some ability to detect attacks at early stages.
  - Other
  - None

#### If "Other" selected for Detection Security Operations Centers, please explain.

[Q:15.3-6719]

#### Interdiction by Security Forces or Other Means

- [Q:15.3-6720]
- The facility is extremely likely to be able to interdict armed intruders before they reach a COI target asset. This capability may be achieved by a facility security force, sufficient delay tactics to allow local law enforcement to respond before the adversary achieves mission success, standoff distances (for VBIEDs), process controls or systems that rapidly render the designated COI target asset(s) non-hazardous even if a breach of containment were to occur (e.g., a rapid chemical neutralization system), or other equivalent measures. If security forces are used, they may be contract or proprietary, mobile or posted, armed or unarmed, or a combination thereof.
  - The facility is likely to be able to interdict armed intruders before they reach a COI target asset. This capability may be achieved by a facility security force, sufficient delay tactics to allow local law enforcement to respond before the adversary achieves mission success, standoff distances (for VBIEDs), process controls or systems that rapidly render the designated COI target asset(s) non-hazardous even if a breach of containment were to occur (e.g., a rapid chemical neutralization system), or other equivalent measures. If security forces are used, they may be contract or proprietary, mobile or posted, armed or unarmed, or a combination thereof.
  - The facility has some ability to interdict armed intruders before they reach a COI target asset. This capability may be achieved by a facility security force, sufficient delay tactics to allow local law enforcement to respond before the adversary achieves mission success, standoff distances (for VBIEDs), process controls or systems that rapidly render the designated COI target asset(s) non-hazardous even if a breach of containment were to occur (e.g., a rapid chemical neutralization system), or other equivalent measures. If security forces are used, they may be contract or proprietary, mobile or posted, armed or unarmed, or a combination thereof.
  - Other
  - None

#### If "Other" selected for Interdiction by Security Forces or Other Means, please explain.

[Q:15.3-6721]

#### Check if all the Deter, Detect, and Delay questions have been answered.

**Deter, Detect, and Delay Completed** [Q:15.3-6722]

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### Shipping, Receipt, and Storage - Secure and monitor the shipping, receipt, and storage of hazardous materials for the facility

Select from among the examples provided below any specific measures that are applicable to your facility. These examples are provided for your convenience, and you are not required to select any of these examples; instead you may select "Other" and provide a narrative description of any relevant measures that you believe address the issue posed, or you may select "None" if you believe that none of the examples provided apply to your facility and you have not described any other relevant measures.

#### Security of Transportation Containers Onsite

[Q:15.4-5723]

- The facility adequately secures all transportation containers of chemicals of interest onsite that are not "in transportation" (i.e., connected to a motive force (e.g., locomotive, truck/tractor) for the purposes of shipping the container to its customer; note, however, containers connected to motive forces for the purposes of moving the containers to another location onsite are not considered "in transportation"). Adequate security includes storing the container within the facility's security perimeter and under the facility's security control, considering the container in the facility's Site Security Plan, and securing and monitoring railcars and other containers using measures consistent with the materials which they contain.
- Other
- None

#### If "Other" selected for Security of Transportation Containers Onsite, please explain.

[Q:15.4-5724]

#### "Know-Your-Customer" Provisions

[Q:15.4-5726]

- The facility has an active, documented "know your customer" program that includes a policy of refusing to sell chemicals of interest to those who do not meet pre-established customer qualification criteria, such as confirmation of identity, verification and/or evaluation of onsite security, verification that shipping addresses are valid business locations, confirmation of financial status, establishment of normal business-to-business payment terms and methods (e.g., not allowing cash sales), and verification of product end-use.
- The facility has a "know your customer" program.
- Other
- None

#### If "Other" selected for "Know-Your-Customer" Provisions, please explain.

[Q:15.4-5727]

#### Carrier and Shipment Facility Access

[Q:15.4-5728]

- The facility has strict vehicle identification and entry authorization, shipping, and control procedures that are subject to a testing program to confirm reliability. If an unknown carrier arrives at the facility, the vehicle and its driver are staged until both the driver and the load are vetted and approved.
- The facility has vehicle identification and entry authorization, shipping, and control procedures.
- Other
- None

#### If "Other" selected for Carrier and Shipment Facility Access, please explain.

[Q:15.4-5729]

#### Confirmation of Shipments

[Q:15.4-5730]

- The facility has adequate security procedures regarding shipments, including:
  - Procedures requiring the relevant facility party to confirm all shipments of feed materials or products to or from the facility before allowing the vehicle or its driver/passengers onsite.
  - Advance planning and approval of all in-bound and out-bound shipments of COI (unannounced shipments are not allowed).
  - Proper identification checks and verification prior to customer pickup of packaged COIs.
- The facility has adequate security procedures regarding shipments, including:
  - Procedures requiring the relevant facility party to confirm most shipments of feed materials or products to or from the facility before allowing the vehicle or its driver/passengers onsite.
  - Advance planning and approval of most in-bound and out-bound shipments of COI.
  - Proper identification checks and verification prior to customer pickup of packaged COIs.
- Other
- None

#### If "Other" selected for Confirmation of Shipments, please explain.

[Q:15.4-5731]

#### Verification of Sales and Orders

[Q:15.4-5732]

- A review procedure with appropriate redundancies is in place for all shipping, receiving and delivery of chemicals of interest. The facility has a process to verify receipt of orders for chemicals of interest. Written procedures are in place detailing the specific instructions and requirements to control activities related to sales and storage of regulated materials and chemicals of interest.
- Other
- None

#### If "Other" selected for Verification of Sales and Orders, please explain.

[Q:15.4-5733]

#### Check if all the Verification of Sales and Orders questions have been answered.

**Verification of Sales and Orders Completed**   [Q:15.4-5734]   [« Back](#)   [Next »](#)

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### Theft and Diversion

Select from among the examples provided below any specific measures that are applicable to your facility. These examples are provided for your convenience, and you are not required to select any of these examples; instead you may select "Other" and provide a narrative description of any relevant measures that you believe address the issue posed, or you may select "None" if you believe that none of the examples provided apply to your facility and you have not described any other relevant measures.

#### Restricted Access to Theft COIs

[Q:15.5-3251]

- Robust controls and procedures exist that restrict access to storage of chemicals of interest, allowing access only to authorized individuals.
- Controls and procedures exist that restrict access to storage of chemicals of interest, allowing access only to authorized individuals.
- Controls and procedures exist that restrict access to storage of chemicals of interest.
- Other
- None

#### If "Other" selected for Restricted Access to Theft COIs, please explain.

[Q:15.5-5735]

#### "Know-Your-Customer" Provisions

[Q:15.5-5736]

- The facility has an active, documented "know your customer" program that includes a policy of refusing to sell chemicals of interest to those who do not meet pre-established customer qualification criteria, such as confirmation of identity, verification and/or evaluation of onsite security, verification that shipping addresses are valid business locations, confirmation of financial status, establishment of normal business-to-business payment terms and methods (e.g., not allowing cash sales), and verification of product end-use.
- The facility has a "know your customer" program.
- Other
- None

#### If "Other" selected for "Know-Your-Customer" Provisions, please explain.

[Q:15.5-5737]

#### Background Checks

[Q:15.5-5739]

- All employees and contractors involved with the theft chemical of interest have undergone background surety investigations and have been trained to identify and report suspicious behaviors. Drivers transporting theft chemicals of interest are issued facility badges subsequent to 3rd party verification of background suitability.
- Other
- None

#### If "Other" selected for Background Checks, please explain.

[Q:15.5-5740]

#### Monitoring Theft COIs

[Q:15.5-5742]

- Personnel monitor critical process equipment containing theft chemical of interest directly via patrols, CCTV, or other method to reduce the potential for tampering, sabotage or theft. Additionally, security tags (e.g., RFID or similar systems) are attached to or embedded on containers of theft chemicals of interest.
- Personnel monitor critical process equipment containing theft chemical of interest directly via patrols, CCTV, or other method to reduce the potential for tampering, sabotage or theft.
- Other
- None

#### If "Other" selected for Monitoring Theft COIs, please explain.

[Q:15.5-5743]

#### Physical Security of Theft COIs

[Q:15.5-5751]

- A locked rack or other physical means of securing man-portable containers of theft chemicals of interest is provided. The method(s) used are resistant to breach or tampering. Examples include chains and locks that cannot be cut or breached with man-powered tools, movement alarms on the containers, and entry/motion detectors and alarms for the buildings or rooms where the containers are stored.
- Other
- None

#### If "Other" selected for Physical Security of Theft COIs, please explain.

[Q:15.5-5752]

#### Vehicular Access

[Q:15.5-5753]

- Vehicle entry and egress to locations with theft COI is through a manned or monitored entry point.
- Other
- None

#### If "Other" selected for Vehicular Access, please explain.

[Q:15.5-5754]

#### Vehicle Inspections

[Q:15.5-5755]

- All vehicles are inspected upon egress from the facility or restricted area for theft chemicals.
- Vehicles are inspected upon egress from the facility or restricted area for theft chemicals on a random basis so that at least 10% of all vehicles are inspected for theft chemicals.
- Vehicles are inspected upon egress from the facility or restricted area for theft chemicals on a random basis so that at least 5% of all vehicles are inspected for theft chemicals.
- Other
- None

#### If "Other" selected for Vehicle Inspections, please explain.

[Q:15.5-5756]

#### Inventory Control

[Q:15.5-5757]

- The facility has an inventory control system for both man-portable and bulk theft COI. The inventory control system for theft COI stored in bulk can rapidly detect when theft COIs stored in bulk have been removed from their proper location. Examples of such systems include process controls that monitor the level, weight, volume, or other process parameters which measure the inventory of bulk-stored theft COIs. The inventory control system for man-portable containers of theft COI may rely on the monitoring of security measures described above to determine that theft COIs have been removed in an unauthorized manner.
- Other
- None

#### If "Other" selected for Inventory Control, please explain.

[Q:15.5-5758]

#### Tamper Evident Devices

[Q:15.5-5759]

- The facility employs tamper-evident seals for the vehicle valves and other appurtenances that can indicate if a shipment has been tampered with.
- Other
- None

#### If "Other" selected for Tamper Evident Devices, please explain.

[Q:15.5-5760]

#### Check if all the Theft and Diversion questions have been answered.

**Theft and Diversion Completed** [Q:15.5-5761]

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### Sabotage - Deter inside sabotage

Select from among the examples provided below any specific measures that are applicable to your facility. These examples are provided for your convenience, and you are not required to select any of these examples; instead you may select "Other" and provide a narrative description of any relevant measures that you believe address the issue posed, or you may select "None" if you believe that none of the examples provided apply to your facility and you have not described any other relevant measures.

#### Procedures

[Q:15.6-5762]

- The facility has procedures in place to deter, detect, delay, and respond to sabotage, such as routine equipment inspections for tampering, awareness training, process safety measures, restricted access to sensitive areas, and protocols for verifying the identity and shipment orders of carriers who arrive to remove transportation containers of COI chemicals from the facility. These procedures enable the facility to detect sabotage before a COI is in transportation.
- Other
- None

#### If "Other" selected for Procedures, please explain.

[Q:15.6-5763]

#### Tamper Evident Devices

[Q:15.6-5764]

- The facility utilizes active tamper-evident devices to secure target asset designated COI transportation containers. The device(s) used are fairly resistant to breach or tampering and indicate when attempts to tamper with the containers has occurred. Examples include car seals or other tamper-indicating devices, physical locks on transportation container valves or access hatches/openings, chains and locks that cannot readily be cut or breached with man-powered tools, alarms on the valves or access hatches/openings of the transportation containers, entry/motion detectors and alarms for the buildings or rooms where the transportation containers are stored.
- Other
- None

#### If "Other" selected for Tamper Evident Devices, please explain.

[Q:15.6-5771]

#### Visitor Controls

[Q:15.6-5772]

- The facility has documented and implemented strict visitor identification, escort, and control procedures that include verification of visitor background suitability or constant visitor escort by appropriately vetted personnel in restricted areas.
- The facility has documented and implemented visitor identification, escort, and control procedures that include verification of visitor background suitability or constant visitor escort by appropriately vetted personnel in restricted areas.
- The facility has documented and implemented visitor identification, escort, and control procedures.
- The facility has implemented visitor identification, escort, and control procedures.
- Other
- None

#### If "Other" selected for Visitor Controls, please explain.

[Q:15.6-5773]

**Check if all the Visitor Controls questions have been answered.**

**Sabotage Completed** [Q:15.6-5774]

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**Are personnel allowed to carry portable cyber equipment into the facility (e.g., laptop computers, personnel digital assistants (PDA's), flash drives, data disks, smart cell phones, etc.)?**

[Q:14.09-4151]

- Yes
- No

**Are employees screened at facility entrances for unauthorized equipment?**

[Q:14.09-4152]

- Yes
- No

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Has the personnel screening process been validated through testing by professional security services?

[Q:14.091-4153]

Yes

No

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Select a cyber control system for evaluation.

**Control System Name**

[Q:14.1-4156]

Control System

**Describe: Control System**

Have all cyber control systems been evaluated?

[Q:14.1-4157]

- Yes
- No

---

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## Asset Screening

### Control System

Identify the location of this asset. Click on "Locate Asset" and then click on the map to identify the location of the asset. Do not click "Next »" until the star appears showing the location of the asset.

#### Map Help

Click a button in the map toolbar to choose a tool. The tools may be used as follows:

<b>Zoom In</b>	Click and drag to create a rectangle around the area that you want to magnify.
<b>Zoom Out</b>	Click and drag to zoom out.
<b>Pan</b>	Click and drag to view other parts of the map without resizing. The map will move in the direction you drag.
<b>Full Extent</b>	Click the Full Extent button once to view the magnification that shows the entire map. At the full extent, you will not be able to zoom out further.
<b>Locate Asset</b>	Click on the map to identify the location of the asset.



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### Control System

#### Watch Dog Systems

[Q:14.21-5851]

- Watch dog systems used for select control systems (e.g., safety integrated systems (SIS)) are configured such that they have no unsecured remote access and no direct connections to the systems managing the processes they monitor.
- Watch dog systems used for select control systems (e.g., safety integrated systems (SIS)) are configured such that they have no unsecured remote access and no unsecured direct connections to the systems managing the processes they monitor.
- Other
- None

#### If "Other" selected for Watch Dog Systems, please explain.

[Q:14.21-5852]

#### Check the box if the Cyber System Evaluation is completed.

**Cyber Control System Completed** [Q:14.21-5854]

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Select a cyber business system for evaluation.

**Business System Name**

[Q:14.6-4171]

Business System

**Describe: Business System**

Have all cyber business systems been evaluated?

[Q:14.6-4172]

- Yes
- No

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### Business System

**Is this cyber system physically located at the facility?**

[Q:14.61-4175]

 Yes No[« Back](#)[Next »](#)

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[« Back](#) [Next »](#)**Business System****Enter the cyber sytem location.**

<b>Location/Building Name</b>	[Q:14.62-4177]	<input type="text"/>
<b>Street</b>	[Q:14.62-4178]	<input type="text"/>
<b>City</b>	[Q:14.62-4179]	<input type="text"/>
<b>State</b>	[Q:14.62-4180]	<input type="text" value="v"/>
<b>ZIP Code</b>	[Q:14.62-4181]	<input type="text"/>

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## Asset Screening

### Business System

Identify the location of this asset. Click on "Locate Asset" and then click on the map to identify the location of the asset. Do not click "Next »" until the star appears showing the location of the asset.

Zoom In Zoom Out Pan Full Extent Locate Asset

### Map Help

Click a button in the map toolbar to choose a tool. The tools may be used as follows:

<b>Zoom In</b>	Click and drag to create a rectangle around the area that you want to magnify.
<b>Zoom Out</b>	Click and drag to zoom out.
<b>Pan</b>	Click and drag to view other parts of the map without resizing. The map will move in the direction you drag.
<b>Full Extent</b>	Click the Full Extent button once to view the magnification that shows the entire map. At the full extent, you will not be able to zoom out further.
<b>Locate Asset</b>	Click on the map to identify the location of the asset.





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### Business System

Check the box if the Cyber System Evaluation is completed and then press **[Next]** to continue.

**Cyber Business System Completed** [Q:14.98-4755]

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### Cyber

Check if all the Cyber Security questions have been answered.

Cyber Security Completed [Q:14.081-5846]

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### Incident Response

Select from among the examples provided below any specific measures that are applicable to your facility. These examples are provided for your convenience, and you are not required to select any of these examples; instead you may select "Other" and provide a narrative description of any relevant measures that you believe address the issue posed, or you may select "None" if you believe that none of the examples provided apply to your facility and you have not described any other relevant measures.

#### Comprehensive Crisis Management Plan

[Q:15.7-5775]

- The facility has a comprehensive crisis management plan that includes:
- Documented agreements and/or written procedures for emergency response, including offsite responder services such as ambulance support, explosive device disposal support, fire fighting support, and hazardous material spill/recovery support, and medical support.
  - Roles and responsibilities for the crisis management team, the incident commander, the on-scene commander, operational control and timekeeping.
  - Contingency plans, continuity of operations plan, emergency response plans, evacuation plans, media response plans, notification control and contact requirements, re-entry plans, and security response plans.
  - Emergency safe shutdown procedures for all process units.
- The facility has a comprehensive crisis management plan that includes:
- Documented agreements and/or written procedures for emergency response, including offsite responder services, such as ambulance support, explosive device disposal support, fire fighting support, and hazardous material spill/recovery support.
  - Documented emergency response plans.
- Other
- None

#### If "Other" selected for Comprehensive Crisis Management Plan, please explain.

[Q:15.7-5776]

#### Communication Systems

[Q:15.7-5777]

- The facility has a robust communications and emergency notification system with emergency back up power and/or an equivalent written contingency procedure in place that is designed, laid-out, and constructed to avoid common cause/dependent failures and equipped with redundant signal processing. A typical system includes:
- An emergency notification system (e.g., siren or other facility-wide alarm system).
  - A redundant radio system that is interoperable with law enforcement and emergency response agencies.
  - Other back up communications systems such as cell phones or desk phones.
- The facility has a redundant communications system and an emergency notification system (e.g., siren or other facility-wide alarm system).
- Other
- None

#### If "Other" selected for Communication Systems, please explain.

[Q:15.7-5778]

#### Process Safeguards

[Q:15.7-5779]

- All process units have an automated control system or other process safeguards to rapidly place designated COI asset equipment in a safe and stable condition, and procedures for their use in an emergency. Additionally, all process units have a procedure for safe shutdown in an emergency.
- Other
- None

#### If "Other" selected for Process Safeguards, please explain.

[Q:15.7-5780]

#### Outreach

[Q:15.7-5781]

- The facility has an active outreach program to the community and local law enforcement and emergency responders. Examples of outreach activities include participation in LEPC (where local law enforcement is a LEPC member), CAP (where local law enforcement is a CAP member), BZPP activities, Neighborhood Watch Programs (where industry and businesses are included in these programs), or participation by the facility in security-related drills and exercises in conjunction with offsite responder organizations.
- Other
- None

#### If "Other" selected for Outreach, please explain.

[Q:15.7-5782]

**Check if all the Incident and Response questions have been answered.**

**Incident and Response Completed** [Q:15.7-5783]

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### Personnel Surety

Select from among the examples provided below any specific measures that are applicable to your facility. These examples are provided for your convenience, and you are not required to select any of these examples; instead you may select "Other" and provide a narrative description of any relevant measures that you believe address the issue posed, or you may select "None" if you believe that none of the examples provided apply to your facility and you have not described any other relevant measures.

**Personnel Surety - Perform appropriate background checks on and ensure appropriate credentials for facility personnel, and as appropriate, for unescorted visitors with access to restricted areas or critical assets, including,**

- (i) measures designed to verify and validate identity
- (ii) measures designed to check criminal history
- (iii) measures designed to verify and validate legal authorization to work
- (iv) measures designed to identify people with terrorist ties

### New/Prospective Employees

[Q:15.8-5791]

- The facility conducts pre-employment background investigations on all prospective employees and resident contractors and issues access authorization to the facility only after appropriate background checks have been successfully completed.
- The facility conducts pre-employment background investigations on all prospective employees and resident contractors and issues access authorization to restricted areas only after appropriate background checks have been successfully completed.
- Other
- None

### If "Other" selected for New/Prospective Employees, please explain.

[Q:15.8-5792]

### Existing Employees

[Q:15.8-5793]

- All existing employees undergo background suitability investigations within three years from the date of the enactment of the final CFATS regulations and investigations are repeated for all individuals every five years thereafter.
- All existing employees with unescorted access to restricted areas undergo background suitability investigations within three years from the date of the enactment of the final CFATS regulations and investigations are repeated for all individuals every five years thereafter.
- Other
- None

### If "Other" selected for Existing Employees, please explain.

[Q:15.8-5794]

### Contents of Background Checks

[Q:15.8-5795]

- The background checks are conducted in accordance with requirements established by the SSO or corporate requirements, and include, at a minimum, a check of criminal history.
- Other
- None

### If "Other" selected for Contents of Background Checks, please explain.

[Q:15.8-5796]

### Adjudication Process

[Q:15.8-5797]

- The facility has a documented adjudication process that identifies grounds for denying access or employment to individuals when background checks reveal significant anomalies.
- Other
- None

### If "Other" selected for Adjudication Process, please explain.

[Q:15.8-5798]

### Audit

[Q:15.8-5799]

- The background check program is audited annually.
- Other
- None

### If "Other" selected for Audit, please explain.

[Q:15.8-5800]

### Check if all the Audit questions have been answered.

**Audit Completed** [Q:15.8-5801] [« Back](#) [Next »](#)

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### Asset-Specific Security Measures

Select the Critical Assets with unique security measures that were not reported for the facility as a whole.

Critical Asset Name
---------------------

[Q:14.01-5052]

Pot Crit Asset

[Describe: Pot Crit Asset](#)

Have all asset-specific security measures been evaluated?

[Q:14.01-5053]

- Yes
- No

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### Asset-Specific Security Measures

**Pot Crit Asset****Secure Site Assets - Secure and monitor restricted areas or potentially critical targets within the facility.**

Select from among the examples provided below any specific measures that are applicable to your facility. These examples are provided for your convenience, and you are not required to select any of these examples; instead you may select "Other" and provide a narrative description of any relevant measures that you believe address the issue posed, or you may select "None" if you believe that none of the examples provided apply to your facility and you have not described any other relevant measures.

#### Asset Perimeter Barrier

[Q:14.03-5802]

- To protect assets, the facility has an internal perimeter barrier that severely restricts or delays any attempts by unauthorized persons to gain access to the facility, such as security fence or equivalent barrier that meets industrial consensus standards (e.g., a 7-foot chain link fence plus a 1 foot top guard of barbed wire).
- Other
- None

#### If "Other" selected for Asset Perimeter Barriers, please explain.

[Q:14.03-5803]

#### Asset Vehicle Barriers

[Q:14.03-5804]

- Vehicles would have a very low likelihood of accessing the target asset by force. To achieve this, a facility is likely to use vehicle deterrence measures such as bollards, berms, landscaping, ditches, drainage swales, or buried concrete anchors retaining anti-vehicle cable wherever the perimeter is accessible to a vehicle
- Vehicles would have a low likelihood of accessing the target asset by force. To achieve this, a facility is likely to use vehicle deterrence measures such as bollards, berms, landscaping, ditches, drainage swales, or buried concrete anchors retaining anti-vehicle cable wherever the perimeter is accessible to a vehicle
- Other
- None

#### If "Other" selected for Asset Vehicle Barriers, please explain.

[Q:14.03-5805]

#### Asset Standoff Distance

[Q:14.03-5806]

- Sufficient vehicle standoff distance is provided to ensure that vehicle-borne improvised explosive devices will not cause a breach of containment resulting in an uncontrolled release of a chemical of interest from the nearest point of attack.
- Other
- None

#### If "Other" selected for Asset Standoff Distance, please explain.

[Q:14.03-5807]

#### Monitoring and Surveillance

[Q:14.03-5808]

- A combination of robust, highly reliable technical security devices (e.g., special access controls, sensors, video), security patrols, and other monitoring systems are used to protect and continuously monitor chemicals of interest and critical asset locations (including loading and unloading areas, critical valves, pipelines, manifolds, control rooms, and storage facilities) to detect attempts to gain unauthorized access, tampering, attempted sabotage, or theft or unauthorized removal of regulated materials. To achieve this, a facility typically will use a combination of:
  - Posted security personnel or frequent security patrols.
  - An integrated, multi-sensor system that provides intrusion detection and video surveillance around 100% of the perimeter of the critical assets, has emergency back up power and/or an equivalent written contingency procedure, and whose images are continuously monitored by a dedicated persons, software, or other detection methods used in conjunction with the system.
  - General area as well as access portal (face view) CCTV surveillance at all gates.
- Reliable technical security devices (e.g., special access controls, sensors, video), security personnel, and/or monitoring systems are used to protect and continuously monitor hazardous materials, chemicals of interest, and critical asset locations (including loading and unloading areas, critical valves, pipelines, manifolds, control rooms, and storage facilities) to detect attempts to gain unauthorized access, tampering, attempted sabotage, or theft or unauthorized removal of regulated materials. To achieve this, a facility typically will use a combination of:
  - Frequent security patrols.
  - An integrated monitoring system that provides intrusion detection and video surveillance around designated COI target areas, has emergency back up power and/or an equivalent written contingency procedure, and whose images are continuously monitored by a dedicated person, software, or other detection methods used in conjunction with the system.
- Technical security devices (e.g., special access controls, sensors, video), security personnel, and/or monitoring systems are used to protect and monitor hazardous materials, chemicals of interest, and critical asset locations (including loading and unloading areas) to detect attempts to gain unauthorized access, tampering, attempted sabotage, or theft or unauthorized removal of regulated materials. To achieve this, a facility typically will use periodic security patrols or an integrated monitoring system that provides intrusion detection and video surveillance around designated COI target areas and has emergency back up power and/or an equivalent written contingency procedure.
  - Other
  - None

#### If "Other" selected for Monitoring and Surveillance, please explain.

[Q:14.03-5809]

#### Check if all the Secure Site Assets questions have been answered.

**Secure Site Assets Completed** [Q:14.03-5810] [« Back](#)   [Next »](#)

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### Survey Completion

Based on the information supplied, the **{The value displayed here will be derived based on user input}** may be covered by the Department of Homeland Security under Section 550 of the Homeland Security Appropriations Act of 2007. You will be mailed a letter that will identify your facility's regulatory status. If you are regulated it will indicate the final tier of **{The value displayed here will be derived based on user input}** and specific security issues that need to be addressed in the SSP required under Section 550.

Press the **[Next]** button to continue the submittal process. You will have an opportunity to validate and print your survey before it is submitted to DHS.

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## Finish

### DHS Communications

A letter with the final tiering will be sent to the Submitter.

### Preparer Copy

**Do you want a copy of the letter with the final tiering to be sent to the Preparer in addition to the Submitter?**

[Q:1.92-5292]

- Yes  
 No

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[Final Validation](#)