

Continuous Release Reporting Form

Form Approved OMB No. 2050-0086
Expiration Date: 04-30-2027

SECTION I: GENERAL INFORMATION		NRC Incident Number: <input style="width: 100px;" type="text"/>
Date of Initial Release: <input style="width: 150px;" type="text"/>	Date of Initial Call to NRC: <input style="width: 150px;" type="text"/>	
Type of Report: Select the type of report that you are submitting.	<input type="radio"/> Initial Written Notification <input type="radio"/> First Anniversary Follow-up Report <input type="radio"/> Written Notification of a Change to Initial Notification <input type="radio"/> Written Notification of a Change to Follow-up Report	

Signed Statement: *I certify that the hazardous substance releases described herein are continuous and stable in quantity and rate under the definitions in 40 CFR 302.8(a) or 355.32 and that all submitted information is accurate and current to the best of my knowledge.*

<i>Date</i>	<i>Name and Position</i>	<i>Signature</i>
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>

Part A. Facility or Vessel Information

Name of Facility or Vessel <input style="width: 90%;" type="text"/>																
Person in Charge of Facility or Vessel	<table style="width:100%;"> <tr> <td style="width: 40%;">Name <input style="width: 90%;" type="text"/></td> <td style="width: 60%;">Position <input style="width: 90%;" type="text"/></td> </tr> <tr> <td>Phone Number <input style="width: 150px;" type="text"/></td> <td>Alt Phone No. <input style="width: 100px;" type="text"/></td> </tr> </table>	Name <input style="width: 90%;" type="text"/>	Position <input style="width: 90%;" type="text"/>	Phone Number <input style="width: 150px;" type="text"/>	Alt Phone No. <input style="width: 100px;" type="text"/>											
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Phone Number <input style="width: 150px;" type="text"/>	Alt Phone No. <input style="width: 100px;" type="text"/>															
Facility Address or Vessel Port of Registration	<table style="width:100%;"> <tr> <td style="width: 55%;">Street <input style="width: 90%;" type="text"/></td> <td style="width: 45%;">County <input style="width: 90%;" type="text"/></td> </tr> <tr> <td>City <input style="width: 250px;" type="text"/></td> <td>State <input style="width: 30px;" type="text"/> Zip Code <input style="width: 100px;" type="text"/></td> </tr> </table>	Street <input style="width: 90%;" type="text"/>	County <input style="width: 90%;" type="text"/>	City <input style="width: 250px;" type="text"/>	State <input style="width: 30px;" type="text"/> Zip Code <input style="width: 100px;" type="text"/>											
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Facility/Vessel Location	<table style="width:100%;"> <tr> <td style="width: 15%;">Latitude</td> <td style="width: 10%;">Deg</td> <td style="width: 15%;"><input style="width: 20px;" type="text"/></td> <td style="width: 10%;">Min</td> <td style="width: 15%;"><input style="width: 20px;" type="text"/></td> <td style="width: 10%;">Sec</td> <td style="width: 15%;"><input style="width: 20px;" type="text"/></td> <td rowspan="2" style="width: 30%; text-align: center; vertical-align: middle;">Vessel LORAN Coordinates</td> </tr> <tr> <td>Longitude</td> <td>Deg</td> <td><input style="width: 20px;" type="text"/></td> <td>Min</td> <td><input style="width: 20px;" type="text"/></td> <td>Sec</td> <td><input style="width: 20px;" type="text"/></td> </tr> </table>	Latitude	Deg	<input style="width: 20px;" type="text"/>	Min	<input style="width: 20px;" type="text"/>	Sec	<input style="width: 20px;" type="text"/>	Vessel LORAN Coordinates	Longitude	Deg	<input style="width: 20px;" type="text"/>	Min	<input style="width: 20px;" type="text"/>	Sec	<input style="width: 20px;" type="text"/>
Latitude	Deg	<input style="width: 20px;" type="text"/>	Min	<input style="width: 20px;" type="text"/>	Sec	<input style="width: 20px;" type="text"/>	Vessel LORAN Coordinates									
Longitude	Deg	<input style="width: 20px;" type="text"/>	Min	<input style="width: 20px;" type="text"/>	Sec	<input style="width: 20px;" type="text"/>										

NOTE: Latitude/Longitude information can be obtained at the following websites: <http://www.satsig.net/maps/lat-long-finder.htm>, <http://earth.google.com/>, and <http://www.census.gov/geo/landview/>. Do not use P.O. Box, Rural Route or Mailing Address. Use physical location only.

Part B. Population Information

Population Density	Select the range that describes the population density within a one-mile radius of your facility or vessel.	<input type="radio"/> 0 - 50 persons <input type="radio"/> 51 - 100 persons <input type="radio"/> 101 - 500 persons <input type="radio"/> 501 - 1000 persons <input type="radio"/> More than 1000 persons
Sensitive Populations and Ecosystems within One-Mile Radius	Sensitive Populations or Ecosystems (e.g., elementary schools, hospitals, retirement communities, or wetlands)	Estimated Distance and Direction from Facility, if Known
<input style="width: 100%; height: 100%;" type="text"/>		<input style="width: 100%; height: 100%;" type="text"/>

SECTION II: SOURCE INFORMATION

NRC Incident Number:

PART A: Basis for Asserting the Release is Continuous and Stable in Quantity and Rate.

For EACH source of a release of a hazardous substance or mixture from your facility or vessel, provide the following information on a SEPARATE sheet.

Name of Source

1. Indicate whether the release from this source is either:

Continuous without interruption

OR

routine, anticipated, intermittent & incidental to

***Note** that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated, and are not sufficiently predictable or regular to be considered stable in quantity and rate.*

2. Provide a brief statement describing the basis for stating that the release is continuous and stable in quantity and rate. If malfunction, describe the malfunction and explain why the release from the malfunction should be considered continuous and stable in quantity and rate given the **note** above.

3. Identify below how you established the pattern or release and calculated release estimates.

- Release data Knowledge of Operating Procedures Engineering estimate Best Professional judgment

Other -

SECTION II: SOURCE INFORMATION	NRC Incident Number: <input style="width:90%;" type="text"/>
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PART B: Specific Information on the Source

For the source identified above, provide the following information. Please provide a SEPARATE sheet for EACH source.

Name of Source:

AFFECTED MEDIUM. Identify the environmental medium (i.e., air, surface water, soil, or ground water) that is affected by the release from this source. If your source releases hazardous substances to more than one medium (e.g., a wastepile releasing to air and ground water), treat the release to **EACH** medium as a separate source and complete Section II, Parts A, B, and C, of this format for **EACH** medium affected.

AIR If the medium affected is air, please also specify whether the source is a **stack** or a ground-based **area source**.

Stack Indicate stack height in feet or meters

SURFACE WATER

If the release affects any **surface water body**, give the name of the water body.

Surface Water Body

Stream If the release affects a **stream**, give the stream order or average flow rate, in cubic feet per second.
 Stream Order OR Average Flow Rate (cubic feet/second)

Lake Surface area of lake (in acres) Average depth of lake (in meters)
 If the release affects a **lake**, give the surface area of the lake in acres and the average depth in meters.

SOIL OR GROUND WATER

If the release is on or underground, the location of public water supply wells within two miles.

Optional Information

The following information is not required to comply with the regulation; however, such information will assist EPA in evaluating the risks associated with the continuous release. **If this information is not provided, EPA will make conservative assumptions about the appropriate values.** Please note that the units specified below are suggested units. You may use other units; however, be certain that the units are clearly identified.

For a stack release to air, provide the following information, if available:

Inside diameter (feet or meters)	<input style="width:90%;" type="text"/>	Gas Exit Velocity (ft or meters/sec)	<input style="width:90%;" type="text"/>		Gas Temp (degrees Fahrenheit, Kelvin, or Celsius)	<input style="width:90%;" type="text"/>
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For a release to surface water, provide the following information, if available:

Average velocity of surface water (feet/second)

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SECTION II: SOURCE INFORMATION

NRC Incident Number

PART C: Identity and Quantity of Each Hazardous Substance or Mixture Released from Each Source

Please provide a SEPARATE sheet for EACH source.

Name of Source:

List each hazardous substance released from the source identified above and provide the following information.

Include units where appropriate. Radionuclides in curies (Ci).

Name of Hazardous Substance	CASRN #	Normal Range (in lbs., kg, or Ci per day)		Number of Days Release Occurs (per year)	Total Quantity Released in Previous Year (in lbs., kg, or Ci)	Period of the Release
		Upper Bound	Lower Bound			

Continuous Release Reporting Form

List each mixture released from the source identified above and provide the following information. Include units where appropriate. Radionuclides in curies (Ci).

Normal Range of OR Normal Range of Number of Total Quantity of
Components Mixture Days Mixture
(in lbs., kg, or Ci per day) (in lbs., kg, or Ci per day) Release

Name of Hazardous		Weight	Upper	Lower	Upper	Lower	Occurs (per	Released in Previous Year (in lbs., kg or Ci)	Period of the Release
<u>Name of Mixture</u>	<u>Substance Components</u>	<u>CASRN #</u>	<u>Percentage</u>	<u>Bound</u>	<u>Bound</u>	<u>Bound</u>	<u>Bound</u>	<u>year</u>	

EXAMPLES OF REPORTING SINGLE HAZARDOUS SUBSTANCES

In this example, your facility has a release which may qualify for reduced reporting as a continuous release. The hazardous substances released from the identified source (Stack A) are hydrogen chloride (7647010) and hydrogen fluoride (7664393).

The volume of hydrogen chloride (HCl) released in 24-hour period is between 0 and 9,950 lbs. During the previous year, 11,500 lbs of HCl was released. The release occurs once per week in February and June for a total of 8 days per year. The amount of hydrogen fluoride (HF) released is between 1 and 6,000 lbs. The release of HF occurs approximately 120 days each year. A total amount released last year was 13,800 lbs.

For these releases from the specific source, you must provide the information outlined below.

<u>Name of Hazardous Substance</u>	<u>CASRN #</u>	<u>Normal Range</u> (in lbs., kg or Ci per day)		<u>Number of Days Release Occurs (per year)</u>	<u>Total Quantity Released in Previous Year (in lbs., kg or Ci)</u>	<u>Period of the Release</u>
		<u>Upper Bound</u>	<u>Lower Bound</u>			
Hydrogen Chloride (HCl)	7647010	9,950 lbs	0 lbs	8	11,500 lbs.	February; June
Hydrogen Fluoride (HF)	7664393	6,000 lbs	1 lb	120	13,800	All 12 months

EXAMPLE OF REPORTING A MIXTURE

In this example, if your facility wants to report the release of a mixture of hazardous substances, you must list each component of the mixture by hazardous substance and include its percentage by weight. For example, for the release of mixture Z, you must provide the following information about its components, ethylene oxide, acrolein, and 2,3,5-tri-chlorophenol:

<u>Name of Mixture</u>	<u>Name of Hazardous Substance</u> <u>Components</u>	<u>CASRN #</u>	<u>Weight Percentage</u>	<u>Normal Range of Components</u> (in lbs., kg or Ci per day)		OR	<u>Normal Range of Mixture</u> (in lbs., kg or Ci per day)		<u>Number of Days Release Occurs (per year)</u>	<u>Total Quantity of Mixture Released in Previous Year (in lbs., kg or Ci)</u>	<u>Period of the Release</u>
				<u>Upper Bound</u>	<u>Lower Bound</u>	<u>Upper Bound</u>	<u>Lower Bound</u>				
Z	(components listed below)						100 lbs	0 lbs	365	79,500 lbs	All 12 Months
Z	Ethylene oxide	75218	10%	10 lbs	0 lbs						
Z	Acrolein	107028	15%	15 lbs	0 lbs						
Z	2,3,5-tri-chlorophenol	933788	20%	20 lbs	0 lbs						

SECTION III: HAZARDOUS SUBSTANCE INFORMATION

NRC Incident Number:

Calculation of the SSI Trigger

For EACH hazardous substance or component of a mixture indicated in Section II, Part C, list the names of the releasing sources and their upper bounds. Please use a SEPARATE sheet for EACH hazardous substance.

Name of Hazardous Substance:

To calculate the SSI trigger (i.e., the upper bound of the normal range of a release) for the hazardous substance identified above, aggregate the upper bounds of the normal range of the identified hazardous substance across all sources identified in Section II, Part C. If the hazardous substance is also a component of a mixture, be certain to include the upper bound of the component as calculated in Section II, Part C, in your calculation of the SSI trigger.

Name of Source(s)

Upper Bound of the Normal Range of the Release
(specify lbs., kg., or Ci)

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TOTAL - SSI trigger for this hazardous substance release: _____

Paperwork Reduction Act Notice

The public reporting and recordkeeping burden for this collection of information is estimated to average 10 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.