

# Hazardous Material Emergency Response Plan - Form 1: Spill Assessment

A Spill Assessment is to be completed any time there is a chemical spill greater than 1 gal at a PCC facility and is to be completed by parties affected by the spill which can include a representative of the department where the spill occurred, FMS and EH&S, and DPS.

Depending on the size and nature of the spill/release, it may be necessary to have the spill cleaned up by a third party HAZMAT Team. This assessment is designed to help determine that need.

## Spill Assessment completed by:

Public Safety representative		Date	
Department representative		Date	
FMS or EH&S representative		Date	

## Section 1: Location and Chemical/Substance Identification










Where did the spill take place?					
Campus/Center		Building		Room	
The Chemical/Substance is a:      Solid _____      Liquid _____					
Is the chemical/substance identification known?      Yes _____      No _____					
What is the estimated volume of the spill/release?					

If the chemical identification is unknown, spill clean-up operations must be handled by a third party HAZMAT Team. Continue to Section 3: Assessment.

## Section 2: Chemical Hazards and Required Response Material

Consult the chemical's Safety Data Sheet (SDS) for the following hazard information. Please attach a copy of the SDS to this assessment.

What hazards are associated with this chemical/substance? Please circle all that apply.

 Oxidizers	 Acute Toxicity	 Aquatic Toxicity	 Gas Under Pressure
 Explosive Self-Reactive Organic Peroxide	 Irritant Skin Sensitizer Narcotic Effects Respiratory Tract Irritant	 Flammables Pyrophoric Self-heating Flammable Gas	 Skin Corrosion/Burns Eye Damage Corrosive to Metals
 Carcinogen      Mutagenicity      Reproductive Toxin Respiratory Sensitizer      Aspiration Hazard		Other Please specify:	None

If corrosive, what is the concentration and pH of the chemical/substance? \_\_\_\_\_

Does the chemical/substance have an OSHA permissible exposure limit (PEL)?

Yes ☐ No ☐

If yes, what is the listed level? \_\_\_\_\_

The OSHA PEL will be used to help determine the level of PPE needed for the clean-up operations.

What PPE is needed for handling the chemical/substance?

If the SDS lists specific types of PPE, please detail those specifics.

Gloves	
Face/Eye Protection	
Respiratory Protection / Additional Ventilation	
Specific Footwear	

Will the chemical need a specific container? (Ex. - glass, metal, plastic)

Yes ☐ No ☐

If yes, what type of container? \_\_\_\_\_

Are there other hazards in the spill area/control zone?

(Ex. - noise, broken glass, compromised equipment)

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### Section 3: Assessment

- Is the chemical identity unknown? Yes ☐ No ☐
- Is the chemical a gas under pressure, explosive, pyrophoric, water reactive, self-heating, or self- reactive? Yes ☐ No ☐
- Is the pH 1-3 or 12-14? Yes ☐ No ☐
- Is the chemical/substance a simple asphyxiant? Yes ☐ No ☐
- Is the spill entering the ground or waterways (Stormwater drain)? Yes ☐ No ☐

**If the answer to any of these is yes, spill clean-up operations must be handled by a third party HAZMAT Team.**

Please use the chemicals know hazards and the following chart to determine the maximum amount of a chemical/substance that can be safely cleaned up by PCC employees. It may be necessary to compare multiple hazards.

	Category 4	Category 3	Category 2	Category 1
	30 gal	20 gal	10 gal	5 gal
	15 gal	10 gal	5 gal	Less than 1 gal
	---	5 gal	1 gal	Less than 1 gal
	50 gal	30 gal	20 gal	10 gal
	---	5 gal	1 gal	Less than 1 gal
	---	5 gal	3 gal	Less than 1 gal
	---	---	20 gal	5 gal

**If the estimated volume of the spill exceeds the amount listed for the hazard and category, spill clean-up operations must be handled by a third party HAZMAT Team.**