

Incident Reporting



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What is an incident?

A fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water



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What do I do?

- * Emergency coordinator is responsible for responding to incidents
- * Small fires and spills can be contained and cleaned up by on-site personnel



When do I need to report an incident?

Spill exceeds 1kg of acute HW or 100kg of HW

A release, fire, or explosion which could threaten human health, or the environment, outside the facility. (Any quantity)

Spill has reached surface water.

LQG - R315-262-265(a)(2)(d)

SQG - R315-262-16(9)(iv)(C)

All handlers – R315-263-30



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Reportable?



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How do I report an incident?

- * Immediately notify:
- * National Response Center
 - * 800-424-8802
- * DWMRC at
 - * 801-536-0200 or
 - * 801-536-4123 (after hours)
 - * Ask for the Duty Officer

Report must include:*

- Name and telephone number of reporter;
- Name and address of the generator (and EPA ID number);
- Date, time and type of incident (e.g., release, fire);
- Name and quantity of material(s) involved, to the extent known;
- The extent of injuries, if any
- The possible hazards to human health, or the environment, outside the facility.
- Estimated quantity and disposition of recovered materials, if any.



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* LQG: R315-262-265
SQG: R315-262-16(b)(9)(iv)(C)

Reporting the incident cont.

- * SQG – you're done!
- * LQG
 - * Note time, date, and details of incident in the Operating Record
 - * Provide written report on the incident to the Director within 15 days of the incident



Written report must include:

R315-262-265(i)

- Name, address, and telephone number of the generator
- Date, time, and type of incident, e.g., fire, explosion
- Name and quantity of material(s) involved
- The extent of injuries, if any
- An assessment of actual or potential hazards to human health or the environment, where this is applicable
- Estimated quantity and disposition of recovered material that resulted from the incident.

Reports can be submitted electronically to dwmrcsubmit@utah.gov



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Generator Treatment and Emergency Permits



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What is treatment?

R315-260-10(153):

Any method, technique, or process, designed to **change the physical, chemical, or biological character or composition of any hazardous waste**

so as to:

1. Neutralize the waste
2. Recover energy or material resources from the waste
3. Render the waste non-hazardous or less hazardous
4. Render the waste safer to transport, store, or dispose of
5. Make the waste more amenable for recovery or storage
6. Reduced the volume of the waste



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Treatment Examples

- * Compaction in a container
- * Shredding waste or debris
- * Evaporation
- * Volatilization
- * Stabilization
- * Stripping
- * Decanting



Can I treat my waste?



- * Yes and no – some treatments are allowable without a permit while others will require a permit



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Allowable Treatment

Treatment in 90/180/270-day containers

- * CAN treat in tanks, containers, drip pads, and containment buildings
- * Containers are still subject to the requirements of R315-262-16 and R315-262-17
- * Only applied to waste generated onsite
- * If treating to meet LDRs, must follow written WAP



Allowable Treatment

Adding absorbents to wastes (to eliminate free liquids)

- * Must occur at the time the waste is first placed in the container – no adding absorbents later
- * Can transfer from one container to another to add absorbent and still get exemption
- * Make sure absorbents, waste, and containers are all compatible



Allowable Treatment

Immediate Response

- * Ex: Using absorbents to contain a spill, neutralizing a spilled material, building a containment dike
- * Only applies to *immediate* response, i.e. waste generated from the cleanup that is then stored onsite is still subject to regs
 - * Ex: spill contaminated adsorbents left out would become uncontained waste, must store in properly labeled HW container



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Allowable Treatment

NO

- * Burning or heating of waste (no thermal treatment)
- * Allowing waste to evaporate (solvents, etc.)
- * Land treatment

YES

- * Compacting solid materials (i.e. rags)
- * Filtering out solids from liquids
- * Stabilization



Other permitting exemptions

- * Wastewater treatment units (WWTUs)
- * Elementary neutralization units (ENUs)
- * Totally enclosed treatment facilities (TETFs)



Emergency Permits

In the event the Director finds an imminent and substantial endangerment to human health or the environment the Director may issue a temporary emergency permit:

- * To a non-permitted facility to allow treatment, storage, or disposal of hazardous waste; or
- * To a permitted facility to allow treatment, storage, or disposal of a hazardous waste not covered by an effective permit.

R315-270-61



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Emergency Permits

- * For any waste that is determined to be unstable and require treatment in place, an emergency permit will need to be requested from the Division
- * Reactive waste will need to be treated by an explosives or munitions emergency response specialist
- * First thing – call the county bomb squad!



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Requesting an Emergency Permit

Oral requests

During business hours: 801-536-0200

Outside business hours: 801-536-4123

Oral requests must be followed by a written request

Written requests can be sent to dwmrcsubmit@utah.gov

Requests must clearly specify the hazardous wastes and the manner and location of their treatment, storage, or disposal



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Emergency Permit

After request:

- * Treatment!
- * We write a temporary permit and send it to you
- * Public notice goes out



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Emergency Permit Scenarios

- * Silver azide discovered in a lab
- * Diethyl ether discovered in a lab
- * Hand grenade discovered in a home

If you find a reactive/explosive/highly flammable material in your facility, **call in treatment professionals**



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Questions?

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