



Our Goal is to Keep Our Customers
Informed and In Compliance

Generator Waste Determination

Waste Generators are required to make a waste determination before completing environmental reporting and/or shipping their waste off-site.

US EPA regulations contained in 40 CFR Parts 261 and 262 identify the actions that the generator, or an authorized agent working on behalf of the generator, must undertake to conduct the waste determination (e.g., hazardous, non-hazardous or excluded from the regulations).

These actions can establish the framework for the generator's Environmental Health and Safety Compliance program. If a waste determination is conducted improperly, exposure to inherent safety and environmental liabilities and potential enforcement actions are possible for all parties.

Under certain situations the generator may be required to pay for site cleanup activities, as a result of an improper waste determination.

Profile Completion begins with general information, (name, address, EPA ID # for the location); profile completion requires the assembly of information for the material(s) used in the process that creates the product and thus generates the waste. To begin the process of making a proper waste determina-

tion, first read US EPA's regulation, **40CFR 262.11 Hazardous Waste Determination**, (see the back cover for EPA regulation resources).

Waste Determinations
should not be taken lightly.

Don't be one of the many
generators who find out
that their waste was not
properly characterized
during a Regulatory Audit.

Tradebe recommends gathering **Safety Data Sheets** (SDS) for each waste stream. The SDSs will help you determine your wastes chemical composition, please also take into account any water, etc added to the process. Working with your technical staff, you can develop an **Input/Output flowchart** to track both the hazardous and non-hazardous materials used in a process (inputs) and waste or effluents generated (outputs). Determining the Input / Output flow can help to identify the percentage of a chemical that is contained in the waste. Compare the Input / Output results to the regulations in 40 CFR 261, Identification and Listing of Hazardous Waste.

Use of this information is known as **Generator Knowledge**, a method of

documented waste determination. Note: Input /Output information will also help in the completion of other facility Environmental Reports, (i.e. TRI). If a generator is unsure if an Input chemical could be found in the waste, unsure of the concentration of the Input chemical in the waste, or if the Input chemical could "Leach" out of the waste, then **waste sampling and laboratory analysis** is a more suitable action by the generator in conducting a Proper Waste Determination.

In some cases, waste streams change simply as a result of a chemical replacement made at the production process. **Note: any changes to your waste stream must be submitted to your environmental waste processor prior to shipment.**

Solvents: Generators must determine if a used solvent is one of the following:

- Spent solvent, (F Listed waste)
- Dirty solvent, (D coded waste)
- Other (ie: Off-Spec Commercial Chemical Products)

Once the waste is classified, other applicable EPA and DOT regulations can be identified for the waste profile completion, waste shipments and TSDF processing.





Compliance Training

Tradebe offers convenient training options for environmental professionals.

Courses available include:

- On-Site Training
- On-Line Training
- Regional Seminars
- Customized Training
- EPA Haz Waste Management for Generators
- RCRA Training - satisfies requirements for 40 CFR 262.34 and 265.16
- DOT Training - satisfies requirements for 49 CFR 172.704

For information on training seminars,
or to schedule a site specific training session,
contact Tradebe's Corporate Training Group
at usa.training@tradebe.com



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Additional Resources

- <http://www.epa.gov/wastes/hazard/generation/resources.htm>
- <http://www.epa.gov/wastes/hazard/downloads/tool.pdf>
- <http://www2.epa.gov/laws-regulations>
- <http://www.tradebeusa.com/compliance/regulatoryLinks.aspx>

Or, contact your state agency for additional guidance

