Waste Classification Worksheet

**Complete one worksheet for each waste stream.**

This worksheet is intended to be used in conjunction with TCEQ’s *Guidelines for the Classification and Coding of Industrial and Hazardous Wastes* ([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf)) and 40 Code of Federal Regulations (CFR) as referenced. The generator is responsible for making an accurate hazardous waste determination and industrial generators are responsible for making an accurate waste classification in accordance with the latest regulations. This worksheet is provided as an assistance tool. It cannot be used as a substitute for following applicable city, state, and federal laws. Full documentation must be attached; a completed checklist does not qualify as full documentation.

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| --- | --- |
| Question | Answer |
| Enter the name of the waste. | Click or tap here to enter text. |
| Once you have completed the waste classification worksheet, enter the Texas Waste Code. | Click or tap here to enter text. |
| Enter the monthly volume of waste generated. (Specify pounds or kg) | Click or tap here to enter text. |
| Provide a full description of the process generating the waste, including a list of chemical constituents that enter the process and are likely to be in the waste. | Click or tap here to enter text. |

# General Waste Stream Information

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| **Waste Stream Questions** | **Answer** |
| 1. **Is the waste a solid waste?**

Solid waste is defined in [40 Code of Federal Regulations (CFR) §261.2](https://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&SID=04f8cbe4dd2fa32b77f8c08f6a5402fa&mc=true&n=pt40.28.261&r=PART&ty=HTML#se40.28.261_12) and [30 Texas Administrative Code (TAC) §335.1(146).](http://texreg.sos.state.tx.us/public/readtac%24ext.TacPage?sl=T&app=9&p_dir=F&p_rloc=180248&p_tloc=59880&p_ploc=44896&pg=5&p_tac=&ti=30&pt=1&ch=335&rl=1)A solid waste is any material that you will no longer be using for its originally intended purpose or a material that must be reclaimed before reuse. If the answer is “yes,” continue to question 2.If the answer is “no,” stop here. The waste is not a solid waste. | Select an item. |
| 1. **Is the waste excluded from Resource Conservation Recovery Act (RCRA)**?

Review the exclusions in [40 CFR 261.4(a)(1)-(24, 26, and 27) and 261.4(b)](https://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&SID=04f8cbe4dd2fa32b77f8c08f6a5402fa&mc=true&n=pt40.28.261&r=PART&ty=HTML#se40.28.261_14). ([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 4) Examples: household wastes, used oil and oil filters that are recycled, excluded scrap metal and circuit boards that are being recycled.If the answer is “yes,” stop here. The waste is excluded from RCRA.If the answer is “no,” continue to question 3. | Select an item. |
| 1. **Is the waste a spent/used process waste?**

A very important distinction in making your waste determination is whether or not the waste chemical has been used or not. A material that is still in its original container and has never been used for its intended purpose will not be considered hazardous under the "F" and the "K" lists of hazardous waste but may be under “P” or “U” listings.Continue to question 4. | Select an item. |
| 1. **What is the physical state of the waste stream?**

The term “solid” does not refer to the physical state of the waste. Solid waste can be a solid, semi-solid, liquid, or a contained gas.Continue to question 5. | Select an item. |

# Part I-A & B. Hazardous Waste Determination

If the answer to any of the following questions in Part I are “yes,” the waste is a hazardous waste.

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| **Hazardous Waste Determination Questions**  | **Answer** |
| 1. **Is the waste an F, K, P, or U listed waste?**

([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 5) [40 CFR Part 261, Subpart D](https://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&SID=594741f35f15a3042cc19a6565a138cd&mc=true&n=sp40.28.261.d&r=SUBPART&ty=HTML) | Select an item. |
| Enter the applicable EPA waste code(s):Continue to question 6. | Click or tap here to enter text. |
| 1. **Is the waste ignitable?**

(EPA waste code D001) ([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 5) [40 CFR 261.21](https://www.ecfr.gov/cgi-bin/text-idx?SID=93018ed1313c32ecc90531e2aa6028f1&mc=true&node=se40.28.261_121&rgn=div8)Continue to question 7. | Select an item. |
| 1. **Is the waste corrosive?**

(EPA waste code D002) ([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 5) [40 CFR 261.22](https://www.ecfr.gov/cgi-bin/text-idx?SID=93018ed1313c32ecc90531e2aa6028f1&mc=true&node=se40.28.261_122&rgn=div8)Continue to question 8. | Select an item. |
| 1. **Is the waste reactive?**

(EPA waste code D003) ([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 6) [40 CFR 261.23](https://www.ecfr.gov/cgi-bin/text-idx?SID=93018ed1313c32ecc90531e2aa6028f1&mc=true&node=se40.28.261_123&rgn=div8)Continue to question 9. | Select an item. |
| 1. **Do you know or suspect that the waste contains toxic constituents? (EPA waste codes D004-D043)** ([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 6) [40 CFR 261.24](https://www.ecfr.gov/cgi-bin/text-idx?SID=93018ed1313c32ecc90531e2aa6028f1&mc=true&node=se40.28.261_124&rgn=div8)
 | Select an item. |
| Enter the applicable waste code(s): | Click or tap here to enter text. |

If the answers to all questions in this part are “no,” and your facility is an industrial facility, continue with Part II. ([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 1). To determine if your facility is an industrial facility, reference RG-234, Appendix B. If your facility is nonindustrial, skip to the Additional Information Section.

# Part II. Nonhazardous Waste Determination Classes 1 & 2

Answer all the questions in this Part.

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| **Nonhazardous Waste Determination Questions** | **Answer** |
| 1. **Has the industrial waste generator chosen to classify its nonhazardous waste as Class 1?** ([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 7)

If the answer is “yes”, the waste is Class 1 waste. Continue to question 11a. | Select an item. |
| 1. a**. Is the waste a container (greater than 5 gallons in holding capacity) which has held a hazardous substance, a hazardous waste, a Class 1 waste and/or a material that would be classified as a hazardous or Class 1 waste if disposed of?** ([RG-022,](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf) Pg. 7)

If “no” continue to question 12.11.b. **If “yes” to question 11.a, has the container had all its residues removed and has the container been rendered unusable?**If “yes” to question 11b, then the waste may be Class 2.If “no” to question 11b, then the waste is Class 1.Continue to question 12.  | Select an item. |
| 1. **Does the waste contain asbestos material identified as Regulated Asbestos-Containing Material (RACM), as defined in** [40 CFR Part 61](https://www.ecfr.gov/cgi-bin/text-idx?SID=92eb794c6ff0b53867a00b90ce21f4e1&mc=true&node=se40.10.61_1141&rgn=div8)**?** ([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 8) *Regulated asbestos-containing material* (RACM) means (a) Friable asbestos material, (b) Category I nonfriable ACM that has become friable, (c) Category I nonfriable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or (d) Category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by this subpart.

If the answer is “yes”, the waste is Class 1 waste. Continue to question 13. | Select an item. |
| 1. **Is the waste contaminated by a material that originally contained 50 or more parts per million (ppm) total PCBs?** ([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 8)

If the answer is “yes”, the waste is Class 1 waste. Continue to question 14. | Select an item. |
| 1. a. **Is the waste specifically identified as a petroleum substance or contaminated with a material identified as a petroleum substance?**

If the answer is “yes”, go to question 14.b. If the answer is “no” continue to question 15.  | Select an item. |
| 14b. **Does the waste contain more than 1,500 ppm total petroleum hydrocarbons (TPH)?** ([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 8)If the answer to questions 14.b is “yes”, then waste is Class 1. If the answer is “no”, then it may be classified as Class 2 or 3. Continue to question 15. | Select an item. |
| 1. **Is the waste from the production of a “new chemical substance,” as defined by the federal Toxic Substances Control Act, 15 U.S.C.A, Section 2602(11)?** ([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 8)

If the answer is “yes”, the waste is Class 1 waste. Continue to question 16. | Select an item. |
| 1. **Is the waste generated outside Texas?**

([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 8)If the answer is “yes”, the waste is Class 1, unless Class 2 or 3 documented and approved by the Executive Director. Continue to question 17. | Select an item. |
| 1. **Is the waste a liquid with a flash point greater than 60⁰C (140⁰F) but less than 65.6⁰C (150⁰F)?**

([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 8)If the answer is “yes”, the waste is Class 1 waste. Continue to question 18. | Select an item. |
| 1. **Is the waste a solid or semi-solid that—under conditions normally encountered in storage, transportation, and disposal**:
	* is liable to cause fires through friction or through retained heat from manufacturing or processing; or
 | Select an item. |
| * + can be ignited readily, and when ignited burns so vigorously and persistently as to create a serious hazard? ([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 8)

If the answer is “yes” to either question, the waste is Class 1 waste. Continue to question 19. | Select an item. |
| 1. **Is the waste a semi-solid or solid that, when mixed with an equivalent weight of ASTM Type II laboratory distilled or deionized water, produces a solution with a pH of 2 or less or 12.5 or more?**

([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 9)If the answer is “yes”, the waste is Class 1 waste. Continue to question 20. | Select an item. |
| 1. **Does the waste leach Class 1 toxic constituents at or above the levels listed in** [30 TAC Chapter 335 Subchapter R - Table 1, Appendix 1](http://texreg.sos.state.tx.us/fids/30_0335_0521-1.html) **when submitted to the TCLP test?** ([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 9)

If the answer is “yes”, the waste is Class 1 waste. Continue to question 21. | Select an item. |
| If yes, list toxic constituents here: | Click or tap here to enter text. |
| 1. **Is information lacking that demonstrates the waste belongs in Class 2 or 3?** ([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 9)

If the answer is “yes”, the waste is Class 1 waste. | Select an item. |

If you determined the waste was Class 1 in Part II, skip to the Additional Information Section.

# Part III-A. Nonhazardous Industrial Waste Class 3

If the answer to any of the numbered questions in this part is “yes” then the waste cannot be considered a Class 3 waste and is therefore a Class 2 waste.

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| **Nonhazardous Waste Determination Questions** | **Answer** |
| 1. **Is the waste an empty container?**

([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 10)If the answer is “yes,” the waste is Class 2 waste. Continue to question 23. | Select an item. |
| 1. **Is the waste a medical waste regulated under** [30 TAC 326](http://texreg.sos.state.tx.us/public/readtac%24ext.ViewTAC?tac_view=4&ti=30&pt=1&ch=326)**?**

([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 10)If the answer is “yes,” the waste is Class 2 waste. Continue to question 24. | Select an item. |
| 1. **When subjected to the 7-day distilled water leaching test, does the waste leach constituents at or above the maximum contaminant levels listed in** [**Table 3, Appendix 1 of 30 TAC Chapter 335, Subchapter R**](http://texreg.sos.state.tx.us/fids/30_0335_0521-3.html)**?**

([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 10) If the answer is “yes,” the waste is Class 2 waste. Continue to question 25. | Select an item. |
| 1. **Does the waste contain detectable levels of petroleum hydrocarbons (Method 1005)?**

([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 10)If the answer is “yes,” the waste is Class 2 waste. Continue to question 26. | Select an item. |
| 1. **Does the waste contain detectable levels of polychlorinated biphenyls (PCBs)?**

([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 10)If the answer is “yes,” the waste is Class 2 waste. Continue to question 27. | Select an item. |
| 1. **Is the waste readily decomposable?**

([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 10)If the answer is “yes,” stop here. The waste is Class 2 waste.If the answer is “no,” continue to question 28. | Select an item. |

# Part III-B. Nonhazardous Industrial Waste Class 3

If the answer to the question in this part is “no,” then the nonhazardous, industrial waste cannot be considered a Class 3 waste. If all the answers to the questions in Part III-A are “no,” and the answer to the question in Part III-B is “yes,” then the nonhazardous industrial waste is a Class 3 waste.

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| **Nonhazardous Waste Determination Questions** | **Answer** |
| 1. **Is the waste inert and essentially insoluble?**

 ([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 10 - 11) If the answer is “yes,” stop here. The waste is Class 3 waste.If the answer is “no,” stop here. The waste is Class 2 waste. | Select an item. |

# Additional Information

In [30 TAC 335.511](http://texreg.sos.state.tx.us/public/readtac%24ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=30&pt=1&ch=335&rl=511) process knowledge is described as: material safety data sheets, manufacturers' literature, description of the process including a list of chemical constituents that enter the process, and a full description of the waste, including a list of chemical constituents likely to be in the waste, and other documentation generated in conjunction with a particular process may be used to classify a waste.

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| **Additional Information Questions** | **Answer** |
| 1. **Have you attached process knowledge documentation that meets the requirements in** [**30 TAC 335.511**](https://texreg.sos.state.tx.us/public/readtac%24ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=30&pt=1&ch=335&rl=511)**?**

([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), Pg. 12) | Select an item. |
| 1. **Are lab analysis reports attached?**

([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf),Pg. 12) | Select an item. |

# Waste Determination

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| **Waste Determination Options** | **Answer** |
| **This waste is a hazardous waste.** The facility is also required to maintain manifests demonstrating proper disposal. | Select an item. |
| Transported for disposal by: | Click or tap here to enter text. |
| Final destination facility for disposal is: | Click or tap here to enter text. |
| **This waste is a restricted waste and is subject to applicable Land Disposal Restrictions (LDR).** Note: Waste generated by conditionally exempt small quantity generators (CESQGs) as defined in 40 CFR 261.5 and 30 TAC 335.78 is excluded from the applicability of 40 CFR Part 268, if the CESQG sends its hazardous waste to a permitted hazardous waste facility, legitimate recycling facility, or other facility permitted, licensed, or registered by the state to manage municipal or industrial solid waste. | Select an item. |
| **This waste is a Universal Waste which is properly labeled and stored.** ([RG-022](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-022.pdf), p 22) The facility also needs to maintain bills of lading to demonstrate proper disposal | Select an item. |
| Final destination facility for disposal is: | Click or tap here to enter text. |
| **This waste is an industrial nonhazardous waste.** The facility also needs to maintain bills of lading to demonstrate proper disposal. | Select an item. |
| Transported by:  | Click or tap here to enter text. |
| Final destination facility for disposal is: | Click or tap here to enter text. |
| **This material is a legitimately recyclable/reusable material.** The facility needs to maintain documentation to show proper management. The facility also may need to notify the TCEQ pursuant to [30 TAC 335.24.](http://texreg.sos.state.tx.us/public/readtac%24ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=30&pt=1&ch=335&rl=24) | Select an item. |
| Managed by: | Click or tap here to enter text. |

# Generator Status Reference Table

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| --- | --- | --- | --- | --- |
| **Generator Status** | **Hazardous Waste/Month** | **Acute Waste** | **Amount** | **Storage Time** |
| CESQG | Up to 220 lbs. | Up to 2.2 lbs. | Up to 2,200 lbs. | No time limit |
| SQG | 220-2200 lbs. | Up to 2.2 lbs. | Up to 13,300 lbs. | 180 days |
| LQG | Over 2200 lbs. | Over 2.2 lbs. | Any amount | 90 days |
| Industrial CESQG | Over 220 lbs. of Class I Waste | - | Any amount | No time limit |
| SQH | Less than 11,000 lbs. UW | - | Any amount | 1 year |
| LQH | Over 11,000 lbs. UW | - | Any Amount | 1 year |

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| **Generator Status Question**  | **Answer** |
| **What is your generator status?**Refer to the Generator Status Reference Table above. | Select an item. |

# Certification

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| **Company Name:** | Click or tap here to enter text. |
| **Date:** | Click or tap here to enter text. |
| **Signature:** |  |
| **Title:** | Click or tap here to enter text. |