

Application Requirements for Treatment On-Site Requests

For treatment on-site activity, the facility must submit an official request to treat waste on-site pursuant to 401 KAR 32:030 Section 6, fill out a new Registration of Hazardous Waste Activity form and check the "Treatment On-Site" Box. This form can be found at:

<http://waste.ky.gov/HWB/Pages/default.aspx>

In Section III under Other Activities, check *Generator Requesting Approval to Treat Hazardous Waste On-Site*. Along with the completed form, include the following:

1. Specify if your treatment is in order to meet land disposal restrictions (LDRs) or if the waste will be shipped off-site to a treatment, storage and disposal facility (TSDF).
 - 1.1. If you treat hazardous waste to meet LDRs under the regulations (KARs) you must develop and follow a written Waste Analysis Plan (WAP) pursuant to 401 KAR 37:010 Section 2.
 - 1.2. If you treat your hazardous waste to meet LDRs, you must comply with the notification and certification requirements found in 401 KAR 37:010 Section 7.
 - 1.3. If you are not treating a hazardous waste to meet LDRs, make it less hazardous (without dilution prohibitions) or more easily transportable, you are not required to have a WAP.
2. A detailed description of the treatment process along with any equipment manufacturer model number and specifications.
3. A description of the material being treated. Include any current MSDS on the material, and/or a current laboratory analysis of the material. Please note all characteristic and listed waste codes applicable to the material. Also include the maximum quantity generated and to be treated.
4. The step-by-step process through which the treatment will occur. Please note that the facility may only treat waste generated at the same facility as the treatment activity. This includes standard parameters and limitations on the process.
5. The current disposition for the waste and the proposed disposition after treatment.
6. Any training required for employees to operate and work in the vicinity of the treatment process.
7. The training required for the person(s) performing the treatment process.
8. A copy of a contingency plan for employees to assess the hazards of the process and how to contend with such hazards. This can be the general contingency plan the facility has for the employees.
9. The current method for the transportation for the waste material and the method to be used after obtaining approval.
10. Procedures to comply with applicable requirements in 401 KAR 35:275, 35:280 and 35:281. A copy of the SCREEN3 screening model data and results needs to be provided to determine if air emission standards have been met. For more information on SCREEN3 visit US EPA website: http://www.epa.gov/scram001/dispersion_screening.htm

Example of data needed:

- Is a Point Source?
- Emission rate (g/s)
- Stack height (m)
- Stack inside diameter (m)
- Stack gas exit velocity (m/s) or flow rate (ft³/min or m³/s)
- Stack gas temperature (K)
- Ambient temperature (K) (use default of 293K if not known)
- Receptor height above ground (may be used to define flagpole receptors) (m)
- Urban/rural option (U = urban, R = rural)

11. If this is a modification of an already approved Treatment On-Site, please also include:

11.1. Date of approval

11.2. Operation Parameters

11.3. Operation Limits

11.4. Justification for the modification

12. The Registration fee shall be made payable to the Kentucky State Treasurer. See Schedule 1 of the Registration instructions to find out what your total Registration fee is. If you are unsure of what your fee is, contact William Schneider at (502) 564-6716 ext. 4696 or by e-mail at William.Schneider@ky.gov.

The approval of such activities from this Division will not exclude the facility from obtaining the necessary permits or authorization from any other local, state, or federal agency. The facility will need to submit an application to the other governing agencies separately.

State Regulation Web Link:

<http://www.lrc.state.ky.us/kar/TITLE401.HTM>

*For More information Contact:
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