



# SMALL QUANTITY GENERATOR INSPECTION - TANK SYSTEM

Revision: 06/29/2016  
WASTE & MATERIALS  
MANAGEMENT PROGRAM

This Inspection Form Supplement, used in conjunction with the SMALL QUANTITY GENERATOR INSPECTION REPORT or TREATMENT AND STORAGE FACILITY INSPECTION REPORT, is for the inspection of facilities that are accumulating hazardous waste in non licensed tank(s) at the facility.

## Section 1: Small Quantity Generator Requirements for Accumulating Waste in Tanks

<p>A. The treatment or storage of hazardous waste in tanks complies with all of the following:</p> <ol style="list-style-type: none"> <li>1. Extreme heat, pressure, fire, explosions or reactions are not generated.</li> <li>2. Uncontrolled toxic or flammable fumes or gases are not produced.</li> <li>3. The structural integrity of the tank system is not damaged.</li> <li>4. Human health or the environment is not threatened.</li> </ol>		<p>662.194(2)(a)</p>
<p>B. Hazardous waste or treatment reagents placed in the tank do not cause the tank or inner liner to rupture, leak, corrode or otherwise fail before the end of its intended life.</p>		<p>662.194(2)(b)</p>
<p>C. Uncovered tanks are operated according to EITHER of the following:</p> <ol style="list-style-type: none"> <li>1. At least 2 feet of freeboard is maintained.</li> <li>2. Tank is equipped with a containment structure, drainage control system or diversion structure with a capacity at least equal to the volume of the top 2 feet of the tank.</li> </ol>		<p>662.194(2)(c)</p>
<p>D. If the tank is continuously fed, the tank is equipped with a way to stop the inflow (waste feed cutoff system or a by-pass system to a stand-by tank).</p>		<p>662.194(2)(d)</p>
<p>E. ALL of the following are inspected at least once each operating day:</p> <ol style="list-style-type: none"> <li>1. Tank discharge control equipment (waste feed cutoff systems, bypass systems, drainage systems).</li> <li>2. Data from monitoring equipment (pressure and temperature gauges).</li> <li>3. The level of waste in uncovered tanks, if applicable.</li> </ol>		<p>662.194(3)</p>
<p>F. Tank construction materials are inspected at least weekly for corrosion, leaking fixtures and leaking seams.</p>		<p>662.194(3)(d)</p>
<p>G. Construction materials of, and the area immediately around, the tank discharge confinement structure are inspected at least weekly for erosion or obvious signs of leakage.</p>		<p>662.194(3)(e)</p>
<p>H. Each tank is clearly labeled or marked with the words, "Hazardous Waste".</p>		<p>662.192(1)(d)2</p>
<p>I. If ignitable, reactive, or incompatible waste is placed in the tank system, the waste is treated or mixed before or immediately after placement in the tank so that ALL of the following apply:</p> <ol style="list-style-type: none"> <li>1. The waste no longer meets the definition of ignitable or reactive waste.</li> <li>2. Extreme heat, pressure, fire, explosions or reactions are not produced.</li> <li>3. Uncontrolled toxic or flammable fumes or gases are not produced.</li> <li>4. The structural integrity of the tank system is not damaged.</li> <li>5. Other means are taken so human health or the environment is not threatened.</li> </ol>		<p>662.194(5)(a)1</p>
<p>J. Ignitable or reactive waste is stored or treated in a way to protect it from any material or conditions that may cause the waste to ignite or react.</p>		<p>662.194(5)(a)2</p>
<p>K. Tank system is only used to treat or store ignitable or reactive waste during an emergency.</p>		<p>662.194(5)(a)3</p>
<p>L. The buffer zone requirements between the covered tanks and any public ways or adjoining property lines are in compliance with the NFPA standards in the Flammable and Combustible Liquids Code.</p>		<p>662.194(5)(b)</p>
<p>M. Tank is washed out before adding incompatible waste unless extreme heat, pressure, fire, explosions or reactions will not occur; uncontrolled, toxic or flammable gases or fumes will not be produced; or, the structural integrity of the tank is not damaged.</p>		<p>662.194(6)(b)</p>