

Video Narration, Description and Dialogue	Time
<p>Narrator: The Broward County Environmental Protection & Growth Management Department together with the Florida Department of Environmental Protection welcomes the Storage Tank Facility Owner or Operator, to this informative video designed to assist in preparing for an inspection of your storage Tank system.</p>	<p>0:01</p>
<p>Narrator: Preparing your facility is one of the most important steps in making your business ready for a storage tank inspection. A well-managed storage tank system will save time, money and you will feel better knowing that your system is in compliance with all applicable State Storage Tank Systems' regulations.</p>	<p>0:18</p>
<p>Narrator: The most important part of the inspection is setting aside the time to meet with the inspector and review the necessary paperwork and answer questions. As a rule, set aside about 45 to 60 minutes per tank. This allows the inspector to review paperwork and inspect all the necessary components of the storage tank system. Let's look at the key pre-inspection steps.</p> <ul style="list-style-type: none"> • Department will contact you to arrange for a convenient time (set aside 45 to 60 minutes per tank) • You or your designee must provide inspection access to equipment (Department personnel are not allowed to open or operate equipment). Equipment secured by a key must be accessible for inspection. • You must have the necessary documentation ready. 	<p>0:36</p>
<p><i>(Inspector begins to set up the appointment for a site visit)</i></p> <p>Eduardo: Good Morning, may I speak with Dave please</p> <p>Dave: This is Dave.</p>	<p>1:24</p>
<p>Narrator: You or your designee must provide inspection access to equipment.</p>	<p>1:29</p>

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<p><i>(Eduardo enters scene and introduces himself)</i></p> <p>Eduardo: Hello Dave, this is Eduardo with Broward County, I'm the Compliance Assistance Inspector.</p> <p>Dave: Sure.</p> <p>Eduardo: This call is to schedule an Annual Compliance Inspection and notify you that you have 5 working days to have all records available for review; would you be available?</p> <p>Dave: Hold on, let me check.</p> <p>Narrator: The Department will contact you to arrange for a convenient time.</p> <p>Dave: Yeah I'm available.</p> <p>Eduardo: Okay, Great. I will schedule that. Thank you.</p>	<p>1:33</p>
<p><i>(Inspector meets with the Dave and the Facility Operator to begin the inspection.)</i></p> <p>Eduardo: Good morning. I'm Eduardo with Broward County. Here's my business card. So I'm here to do an inspection of your storage tanks. Do you have someone who can open up the sumps for me?</p> <p>Dave: <i>(gestures to the Facility Operator)</i> He'll get you right in.</p> <p>Eduardo: Okay thanks.</p> <p><i>(The Facility Operator begins preparations for the inspection.)</i></p> <p>Narrator: You or your designee must provide inspection access to your storage tank system. You will want to provide proper barricading and/or signage that indicate caution to the general public in the areas being inspected. It is the responsibility of the Facility Operator to arrange for a capable person to open Pump, Fill, and Release Detection sumps and dispensers. Remember, the designated person must have a complete set of keys to access any equipment that is secured with a lock. Upon conclusion of the visual inspection, the system's open ports must be secured once again.</p>	<p>2:01</p>

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<p data-bbox="107 185 1749 305">Narrator: Most of the components of your Storage Tank System are buried and hidden from view. Because of this, the physical inspection of your Storage Tank System is a critical part in maintaining system integrity. Let's look at what a typical inspection consists of and the important parts of your Storage Tank System.</p> <p data-bbox="107 347 520 375">Tank Farm and its Components:</p> <ol data-bbox="155 418 1073 805" style="list-style-type: none"><li data-bbox="155 418 506 446">1. The Pump/Piping Sump<li data-bbox="155 488 380 516">2. The Fill Sump<li data-bbox="155 558 1073 586">3. The Sensor Sump (Automatic Tank Gauging or ATG, and Interstitial)<li data-bbox="155 628 401 656">4. The Dispensers<li data-bbox="155 698 520 725">5. The Venting System, and<li data-bbox="155 768 485 795">6. Electronic Monitoring	3:14

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<p>Narrator: Pump Or Piping Sump</p> <p>The Pump or Piping Sump is easily recognized as it usually has the largest and heaviest cover. The inspector will examine closely, verifying that:</p> <ol style="list-style-type: none"> 1. The test boot must be pulled back from the secondary lines. 2. The line leak detector system (on the submersible pump) is properly maintained. 3. The Sump Sensor is in the correct position. 4. Flex-hoses are not leaking, twisted or kinked and are not in contact with other components. 5. All components inside the sump are free from corrosion , and 6. The sump is dry and free from accumulated debris. <p>Remember, the designated person must have a complete set of keys to access any equipment that is secured with a lock.</p>	<p>3:47</p>
<p>Narrator: Fill Sump</p> <p>The Fill Sump contains the fill port, release valve (drainage plunger) and spill bucket. The inspector will examine closely verifying that:</p> <ol style="list-style-type: none"> 1. The Spill Bucket Assembly is not cracked. 2. The Fill Cover is color-coded per the tank’s contents. 3. The Fill Cap gasket is in good condition.” 4. The Spill Bucket is dry and free from debris. 5. The Spill Bucket is intact (no tears or breaches), and 6. The presence of overfill protection inside the drop tube. 	<p>4:31</p>

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<p>Narrator: Sensor Sump</p> <p>The Sensor Sump (ATG and Interstitial) houses various sensors which monitor your Storage Tank System. The inspector will examine closely, verifying that:</p> <ol style="list-style-type: none"> 1. The inside is properly maintained, and, 2. The electrical connections are intact. 	5:11
<p>Narrator: Inspector will verify that the spill bucket is dry and free of any liquids. Any liquid shall be removed within 72 hours.</p>	5:30
<p>Narrator: Stage One Vapor Recovery Dry-Break Poppet. When inspecting a gasoline tank the inspector will examine closely, verifying that:</p> <ol style="list-style-type: none"> 1. The dry-break poppet is functioning properly by activating the spring-loaded mechanism. 	5:40
<p>Narrator: Remember, upon conclusion of the visual inspection, the designated person must secure any open ports once again.</p> <p><i>(Facility Operator closes open ports)</i></p>	5:55
<p>Narrator: Recall, the designated person must have a complete set of keys to access any equipment that is secured with a Lock.</p>	6:20
<p>Narrator: The Dispensers: The inspector will examine the dispensers closely, verifying that:</p> <ol style="list-style-type: none"> 1. Dispenser Pan has no liquid, water, product or debris. 2. Shear Valves are anchored correctly and installed at the proper position. 3. If present, Release Detection Probe is positioned correctly. 4. All Dispenser Boots are intact. 5. Hanging Hoses and Nozzles have no tears, rips and are not leaking. 	6:40

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<p>Narrator: The Venting System: The inspector will observe the vents, verifying that:</p> <ol style="list-style-type: none"> 1. Vent caps are properly installed where required. 	<p>7:18</p>
<p>Narrator: Electronic Monitoring: The inspector will examine your electronic monitoring system:</p> <ol style="list-style-type: none"> 1. Operator will be asked to demonstrate system functionality by printing a status report: product levels, interstitial release detection status for both tank and piping. 2. Operator will also demonstrate testing of the visual and audible alarms. 	<p>7:30</p>
<p><i>Inspector begins sit down review of records in final part of inspection</i></p> <p>Eduardo: Alright, let's review your records.</p> <p><i>(Inspector checks the records)</i></p> <p>Eduardo: Very good.</p>	<p>8:05</p>

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<p>Narrator: Records Review. The inspector will ask to see the following records. You must have the necessary documentation ready. If records are not kept at the facility, they shall be made available upon five working days' notice. Accurate, up to date, legible documents are vital to demonstrate that you are fulfilling your responsibilities as an owner or operator. The Compliance Assistance Inspector will review each of the following documents to verify they are up to date and represent that you have fulfilled all required tests and maintenance records.</p> <ol style="list-style-type: none"> 1. FDEP Registration Placard 2. Financial Responsibility; Declaration Page (insurance policy) 3. Release Detection (RD) Equipment Tests 4. Equipment Test Results 5. Equipment repair/replacement & maintenance logs 6. Equipment inspection and RD monitoring logs 7. Release Detection Response Level (or RDRL) Statement 8. Storage Tank System Registration Information <p>Let's briefly look at each document.</p>	<p>8:35</p>
<p>Narrator: FDEP Registration Placard</p> <p>The FDEP Registration Placard is issued to all registered owners of aboveground or underground storage tanks that store vehicular fuel, pollutants or hazardous substances regulated under Chapters 62-761 and 762, FL Administrative Code, and aboveground compression vessels and mineral acid storage tank systems regulated under Chapter 62-762, FL Administrative Code. Remember, that fuel cannot be delivered to your facility without a valid FDEP Registration Placard.</p>	<p>9:40</p>
<p>Narrator: Proof of Financial Responsibility</p> <p>Please have available proof of Financial Responsibility or your insurance policy's Declaration Page showing all currently covered tanks in case of a petroleum release or spill, to provide for a third-party cleanup.</p>	<p>10:20</p>

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<p>Narrator: Release Detection (RD) Equipment Tests.</p> <p>Release Detection Equipment must be annually evaluated to ensure proper functioning. These tests include Line Leak Detection; Interstice Monitoring and Overfill Protection.</p>	<p>10:37</p>
<p>Narrator: Equipment Test Results.</p> <p>Equipment Test Results are the results of required periodic integrity testing of tanks, lines, dispensers and piping as well as corrosion protection. Please ensure that you have a legible copy for review.</p>	<p>10:53</p>
<p>Narrator: Equipment repair/replacement & maintenance records.</p> <p>All required maintenance and repair of equipment must be documented and made available for review.</p>	<p>11:10</p>
<p>Narrator: Equipment inspection and RD monitoring logs</p> <p>All required visual inspections and release detection performance must be documented and monitoring logs made available for review.</p>	<p>11:20</p>
<p>Narrator: Release Detection Response Level (<u>or RDRL</u>) Statement.</p> <p>The RDRL Statement is a document that you prepare to help you initiate an investigation to determine if an incident, release or discharge has occurred. Depending on your type of storage tank system both Internal and External Release Detection Methods may be employed.</p>	<p>11:33</p>

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<p>Narrator: Storage Tank System Registration information.</p> <p>Storage Tank System Registration information must be current. The storage tank operator should be familiar with the contents stored in each tank on site. A general statement listing the tanks and current products contained therein is valuable when the inspector inquires as to the number and kinds of products in your storage tank system. The Department must be notified of any changes in the Storage Tank System via a registration form.</p> <p>Eduardo: I just need your signature right here.</p> <p><i>(Dave signs the tablet)</i></p> <p>Eduardo: Excellent. Well thank you so much for your time.</p> <p>Dave: Thank you.</p>	<p>11:56</p>
<p>Narrator: OPERATOR TRAINING FOR UNDERGROUND STORAGE TANKS – UST</p> <p>Required by the Federal Energy Policy Act of 2005</p> <p>The revision to Chapter 62-761, Florida Administrative Code requires all UST owners to have designated and trained operators at all facilities by <u>August 6, 2015</u>.</p> <p>For further information please visit:</p> <p>http://www.dep.state.fl.us/waste/categories/tanks/pages/op_train.htm</p>	<p>12:38</p>
<p>Narrator: We hope this brief video on <i>Preparing For a Storage Tank Facility Inspection</i> will assist you in getting your facility ready for a Compliance Assistance Inspection. For more information please visit FDEP’s Storage Tank Compliance Website.</p> <p>http://www.dep.state.fl.us/waste/categories/tanks/</p>	<p>13:10</p>