**Per 2006 International Residential Code - Chapter 22 & IFC Chapter 34**

### Above Ground Installations

- **Property Line:**
  - Protect Tank from Rain and Falling Ice and Snow – Tank Coating, Snow Cleats or Shelter as needed
  - Min 5’ if < 275 gal
  - Min 10’ > 275-660 gal
- **To Property Line:**
  - Bollard(s) if near a Driveway or Traffic Way
- **Oval or Round - UL 80:**
  - Max 2 tank(s) with maximum 660 gal total capacity may be adjacent to Building
  - Tanks must be on same horizontal plane
- **Rigid, Non-combustible Supports:**
  - Min 5’ if < 275 gal
  - Min 10’ > 275-660 gal
- **Building:**
  - Fill piping shall terminate outside of building 2’ from openings at the same or lower level. Vent pipe must terminate outside bldg. 2’ from openings
- **Indoor Tanks Require Unbreakable Oil Level Indicator**
  - Oil Tank, Shaped to Fit Thru Doors - UL 80

### Under Ground Installations

- **Property Line:**
  - Min 1 foot from Property Line or Pit
  - Min 1 foot below ground
- **Minimum 1 foot from Building:**
  - Max 2 Tanks Max. 660 Gal Total Capacity
  - Slope toward Tank
- **Oil Tank UL 58:**
  - Fill piping shall terminate outside of building 2’ from openings at the same or lower level. Vent pipe must terminate outside bldg. 2’ from openings
  - Minimum 5’ from any fire or flame either within or external to any fuel burning appliance

### Tank Location

- **Remote Fill and Vent**
  - Slope toward Tank
  - Slope toward Tank
- **Optional Remote Fill (and dip stick access)**
  - Direct Vent OR Remote Vent
  - Above Snow Line
  - Vent, Fill and Supply or Return lines may not be cross-connected

### Remote Fill and Vent

- **Above Ground or Underground Oil Tanks**
  - Vent Cap (Recommend Above Fill)
  - Fill Cap
  - Vent Pipe 1½ inches minimum and no less than tank fitting
  - Vent 1 inch maximum into Tank
  - (Recommend 4 inches from bottom)
  - (Recommend sloping tank to collect sludge)
  - Per CBJ 19.04.M203.8 Return piping shall terminate at the top of the fuel oil tank. Valves shall not be installed on return piping.

### Tank Connections

- **Burner or Furnace**
  - Oil Supply Line
  - Oil Return Line
  - Shut off Valve
  - Oil Filter
  - OSV

### ABOVE GROUND TANK LOCATION

<table>
<thead>
<tr>
<th>Capacity of Tank in Gallons</th>
<th>Min Feet from Property Line or Opposite Side</th>
<th>Min Feet from Nearest Side of Building or Public Way</th>
</tr>
</thead>
<tbody>
<tr>
<td>275 or less</td>
<td>5</td>
<td>5*</td>
</tr>
<tr>
<td>276 to 375</td>
<td>10</td>
<td>5*</td>
</tr>
<tr>
<td>751 to 12,000</td>
<td>15</td>
<td>5</td>
</tr>
<tr>
<td>12,001 to 30,000 and more</td>
<td>See Fire Marshal</td>
<td>See Fire Marshal 2009 IFC</td>
</tr>
</tbody>
</table>

**NOTES:**
1. Per CBJ 19.04.M2204.5 OSV (Oil Safety Valve) required when any portion of Oil Tank is above the Burner or UL 343 Oil Pump with Automatic Shut off when pump stops.

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Revised: February 14, 2011