

SaferFarm.org – Farm Hazard Analysis Tool

Other Structures/Accessories

Above Ground Fuel Storage

Least Protection

1. Gasoline tank is located next to buildings or other structures; tanks do not have double wall or spill and leak containment; tanks unprotected from vehicular contact; tanks rusted with signs of leakage.
2. Gasoline tank is located less than 40 feet from other buildings or structures; tanks do not have double walls or spill and leak containment; tanks unprotected from vehicular contact; some signs of leakage.
3. Gasoline tank is located at least 40 feet from other buildings or structures; some tanks without double walls or spill and leak containment; all tanks protected from vehicular contact ; no sign of leakage.
4. Gasoline tank is located at least 40 feet from other buildings or structures; all tanks have double walls and spill and leak containment; all tanks protected from vehicular contact in heavy ; no sign of leakage.
5. Gasoline tank is located at least 40 feet from other buildings or structures; all tanks have double walls and spill and leak containment; all tanks protected from vehicular contact; no signs of leakage.

Most Protection



Item:	Item:	Item:	Item:	Item:
O1	O1	O1	O1	O1
O2	O2	O2	O2	O2
O3	O3	O3	O3	O3
O4	O4	O4	O4	O4
O5	O5	O5	O5	O5

Farm: _____

Inspector: _____

Date: _____

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Other Structures/Accessories

Above Ground Manure Storage

Least Protection

1. Storage tank ladder reaches the foundation or grade; portable ladder is present and can be easily used; ladder/platform is in poor condition; there is not a hazard warning sign present.
2. Storage tank ladder reaches the ground; ladder/platform is in poor condition; a hazard warning sign is prominently displayed at eye level near agitation location.
3. Storage tank ladder starts between seven and eight feet above the foundation or grade; ladder/platform is in poor condition; there is no hazard warning sign present.
4. Storage tank ladder starts between seven and eight feet above the foundation or grade; ladder/platform is in good condition; hazard warning sign is corroded and hard to read.
5. Storage tank ladder starts between seven and eight feet above the foundation or grade; ladder/platform is in good condition; a hazard warning sign (Figure 1 next page) is prominently displayed at eye-level near agitation location.

Most Protection



Item:	Item:	Item:	Item:	Item:
<input type="radio"/> O1	<input type="radio"/> O1	<input type="radio"/> O1	<input type="radio"/> O1	<input type="radio"/> O1
<input type="radio"/> O2	<input type="radio"/> O2	<input type="radio"/> O2	<input type="radio"/> O2	<input type="radio"/> O2
<input type="radio"/> O3	<input type="radio"/> O3	<input type="radio"/> O3	<input type="radio"/> O3	<input type="radio"/> O3
<input type="radio"/> O4	<input type="radio"/> O4	<input type="radio"/> O4	<input type="radio"/> O4	<input type="radio"/> O4
<input type="radio"/> O5	<input type="radio"/> O5	<input type="radio"/> O5	<input type="radio"/> O5	<input type="radio"/> O5

Farm: _____

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Other Structures/Accessories

Farm Ponds

Least Protection

1. Non-fenced farm pond; absence of a no trespassing or no swimming sign posted; no life ring and rope available; pond not in sight of work area and home.
2. Non-fenced farm pond; absence of a no trespassing or no swimming sign posted; no life ring and rope available; pond within sight of work area, but not home.
3. Non-fenced farm pond; a no trespassing or no swimming sign posted; no life ring and rope available; pond within sight of home or work area.
4. Fenced farm pond; a no trespassing or no swimming sign posted; life ring and rope available; pond within sight of home or work area.
5. 8 ft. locked, chain link-fenced farm pond; a no trespassing or no swimming sign posted; life ring and rope available; pond within sight of home or work area.

Most Protection



Item:	Item:	Item:	Item:	Item:
O1	O1	O1	O1	O1
O2	O2	O2	O2	O2
O3	O3	O3	O3	O3
O4	O4	O4	O4	O4
O5	O5	O5	O5	O5

Farm: _____

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Other Structures/Accessories

Fuel Tank Accessories

Least Protection

1. Installed by owner or non-certified vendor; single-walled AST but no pressure-vacuum relief valve; not reflectively painted with fuel type and warning label.
2. Installed by owner or non-certified vendor; single-walled AST with pressure-vacuum relief valve; not reflectively painted with fuel type and warning label.
3. Installed by owner or non-certified vendor; single-walled AST with pressure-vacuum relief valve; not reflectively painted, but has fuel type and warning label, Flammable--Keep Fire and Flame Away or equivalent
4. Installed by certified tank contractor; double-walled AST with overfill alarm, automatic shut-off and pressure vacuum relief valve; not reflectively painted with fuel type and warning label, Flammable--Keep Fire and Flame Away or equivalent
5. Installed by certified tank contractor; double-walled AST with overfill alarm, automatic shut-off and pressure vacuum relief valve; reflectively painted with fuel type and warning label, Flammable--Keep Fire and Flame Away, or equivalent.

Most Protection



Item:	Item:	Item:	Item:	Item:
<input type="radio"/> O1	<input type="radio"/> O1	<input type="radio"/> O1	<input type="radio"/> O1	<input type="radio"/> O1
<input type="radio"/> O2	<input type="radio"/> O2	<input type="radio"/> O2	<input type="radio"/> O2	<input type="radio"/> O2
<input type="radio"/> O3	<input type="radio"/> O3	<input type="radio"/> O3	<input type="radio"/> O3	<input type="radio"/> O3
<input type="radio"/> O4	<input type="radio"/> O4	<input type="radio"/> O4	<input type="radio"/> O4	<input type="radio"/> O4
<input type="radio"/> O5	<input type="radio"/> O5	<input type="radio"/> O5	<input type="radio"/> O5	<input type="radio"/> O5

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Other Structures/Accessories

Gasoline Tank



Least Protection

1. Gasoline tank is located next to other buildings or structures; no tanks have double wall or a containment structure or earthen dike; no tank is protected from vehicular contact; some tanks and accessories show much leakage.
2. Gasoline tank is located less than 40 feet from other buildings or structures; no tanks have double walls or a containment structure or earthen dike; no tanks are protected from vehicular contact; some tanks and accessories show some leakage.
3. Gasoline tank is located at least 40 feet from other buildings or structures; some tanks do not have double walls or a containment structure or earthen dike; all tanks are protected from vehicular contact; no tank/accessory leaks.
4. Gasoline tank is at least 40 feet from other buildings or structures; all tanks have double walls or set in a containment structure or earthen dike; all tanks are protected from vehicular contact in heavy traffic areas only; no tank/accessory leaks.
5. Gasoline tank is located at least 40 feet from other buildings or structures; all tanks have double walls or set in a containment structure or earthen dike; all tanks are protected from vehicular contact; no tank or accessory leaks.



Most Protection

Item:	Item:	Item:	Item:	Item:
O1	O1	O1	O1	O1
O2	O2	O2	O2	O2
O3	O3	O3	O3	O3
O4	O4	O4	O4	O4
O5	O5	O5	O5	O5

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Other Structures/Accessories

Grain Bin



Least Protection

1. The ladder may be bent and loose; the access is not locked; grain bin hazard decal is not present.

2.



3. Ladder is in good condition; ladder access is not restricted when not in use; the bin access is locked closed; but grain bin hazard decal is unreadable.

4.



5. The ladder is in good condition; access to the ladder is restricted when not in use; the bin access is locked closed; grain bin hazard decals are clean and on the side of the grain bin near the access.

Most Protection

Item:	Item:	Item:	Item:	Item:
O1	O1	O1	O1	O1
O2	O2	O2	O2	O2
O3	O3	O3	O3	O3
O4	O4	O4	O4	O4
O5	O5	O5	O5	O5

Farm:

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Other Structures/Accessories

LP Tanks

Least Protection

1. Valves are very dirty or rusty; valves are hard to turn; and tank is not protected.



2.

3. Valves have some debris or rust on them; valves work properly but tank is not protected by an earthen, metal, or wooden berm.



4.

5. Valves are clean, rust free, and operate properly. Tank is protected by an earthen, metal, or wooden berm.



Most Protection

Item:	Item:	Item:	Item:	Item:
O1	O1	O1	O1	O1
O2	O2	O2	O2	O2
O3	O3	O3	O3	O3
O4	O4	O4	O4	O4
O5	O5	O5	O5	O5

Farm: _____

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Other Structures/Accessories

Manure Hazard Warning Signs



Least Protection

1. Sign is not present

2.



3. Sign is made from paper, metal, or plastic; does not contain pictogram; is prominently displayed near access point(s); is faded and hard to read.

4.



Most Protection

5. Sign is made from plastic or metal; includes pictogram of the hazard; is prominently displayed near access point(s); is easily read.

Item:	Item:	Item:	Item:	Item:
O1	O1	O1	O1	O1
O2	O2	O2	O2	O2
O3	O3	O3	O3	O3
O4	O4	O4	O4	O4
O5	O5	O5	O5	O5

Farm: _____

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Other Structures/Accessories

Manure Storage Pond

Least Protection

1. There is not a fence surrounding the pond; a hazard warning sign is not present.
2. There is not a fence surrounding the pond; a hazard warning sign is prominently displayed around the pond's perimeter.
3. A fence surrounding the pond that can be passed through/under by children, but will keep adults out; gate(s) are locked; a hazard warning sign is not present.
4. A strong, secure fence surrounds the pond and is constructed so that children and others cannot enter the pond area; gate(s) are locked; a hazard warning sign is present but corroded and hard to read.
5. A strong, secure fence surrounds the pond and is constructed so that children and others cannot enter the pond area; gate(s) are locked; a hazard warning sign (see Figure 1 on the next page) is prominently displayed at all access points and/or sides.

Most Protection



Item:	Item:	Item:	Item:	Item:
O1	O1	O1	O1	O1
O2	O2	O2	O2	O2
O3	O3	O3	O3	O3
O4	O4	O4	O4	O4
O5	O5	O5	O5	O5

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Other Structures/Accessories

Silo Blower Ladder

Least Protection

1. Ladder is not properly secured to the side of the silo; ladder cage is badly bent or missing; the ladder reaches to the ground.



2.

3. Ladder is bent; ladder cage is bent or loose; bottom of ladder is less than seven feet off the ground but does not reach the foundation or grade.



4.

5. Ladder is in good condition; ladder cage is intact; the bottom of ladder is between seven and eight feet from the foundation or grade.



Most Protection

Item:	Item:	Item:	Item:	Item:
O1	O1	O1	O1	O1
O2	O2	O2	O2	O2
O3	O3	O3	O3	O3
O4	O4	O4	O4	O4
O5	O5	O5	O5	O5

Farm:

Inspector:

Date:

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Other Structures/Accessories

Underground Manure Storage

Least Protection

1. Storage opening is not covered; a hazard warning sign is not present.
2. Storage opening is not covered; a hazard warning sign is prominently displayed and is made of corrosion resistant material.
3. Storage opening is covered by a corrosion resistant, heavy-duty grate or cover, cover is not padlocked; a hazard warning sign is not present.
4. Storage opening is covered by a corrosion resistant, heavy-duty grate or cover, cover is padlocked; a hazard warning sign is present but corroded and hard to read.
5. Storage opening is covered by a corrosion resistant, heavy-duty grate or cover, cover is padlocked; a hazard warning sign is prominently displayed and made of corrosion resistant material (Figure 1 on next page).

Most Protection



Item:	Item:	Item:	Item:	Item:
O1	O1	O1	O1	O1
O2	O2	O2	O2	O2
O3	O3	O3	O3	O3
O4	O4	O4	O4	O4
O5	O5	O5	O5	O5

Farm: _____

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