

1 **Things to Think About When Selecting Overfill Prevention Equipment**

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RP100 and Overfill Prevention

“Consult with the storage system owner to determine the delivery procedures that will be used to fill the tank. Select and install an overfill device that will be compatible with the anticipated delivery procedures.”

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30 **RP100 and Flapper Valves**

WARNING: Do not install with remote fills unless:

- There is a “trap door” that will automatically close the gauge opening.

OR

- There is a properly tightened, threaded pipe cap installed in the riser above the flapper valve and a separate riser is installed to permit gauging of the tank.

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RP100 and Ball Floats

- **WARNING:** Do not install in storage systems where there is any possibility of pumped delivery.
- **WARNING:** Do not install in storage systems equipped with suction pumps and air eliminators.
- **WARNING:** Do not use on tanks with remote fills and gauge openings.

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RP100 and Ball Floats

- **WARNING:** Do not install on emergency generator or heating oil tanks.
- **WARNING:** Do not use with coaxial Stage I vapor recovery unless special fittings are installed.
- **WARNING:** When installing flow shut off devices, do not install a ball float valve unless the ball float activates at a level higher in the tank than the flow shut-off device.

46 **RP100 and Ball Floats**

“When a ball float valve operates as designed, the tank becomes pressurized creating a hazardous condition. The pressure is most often relieved by releasing flammable vapors at grade. For this reason, ball float valves are not recommended.”

-Section 7.3.3 (2005)

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