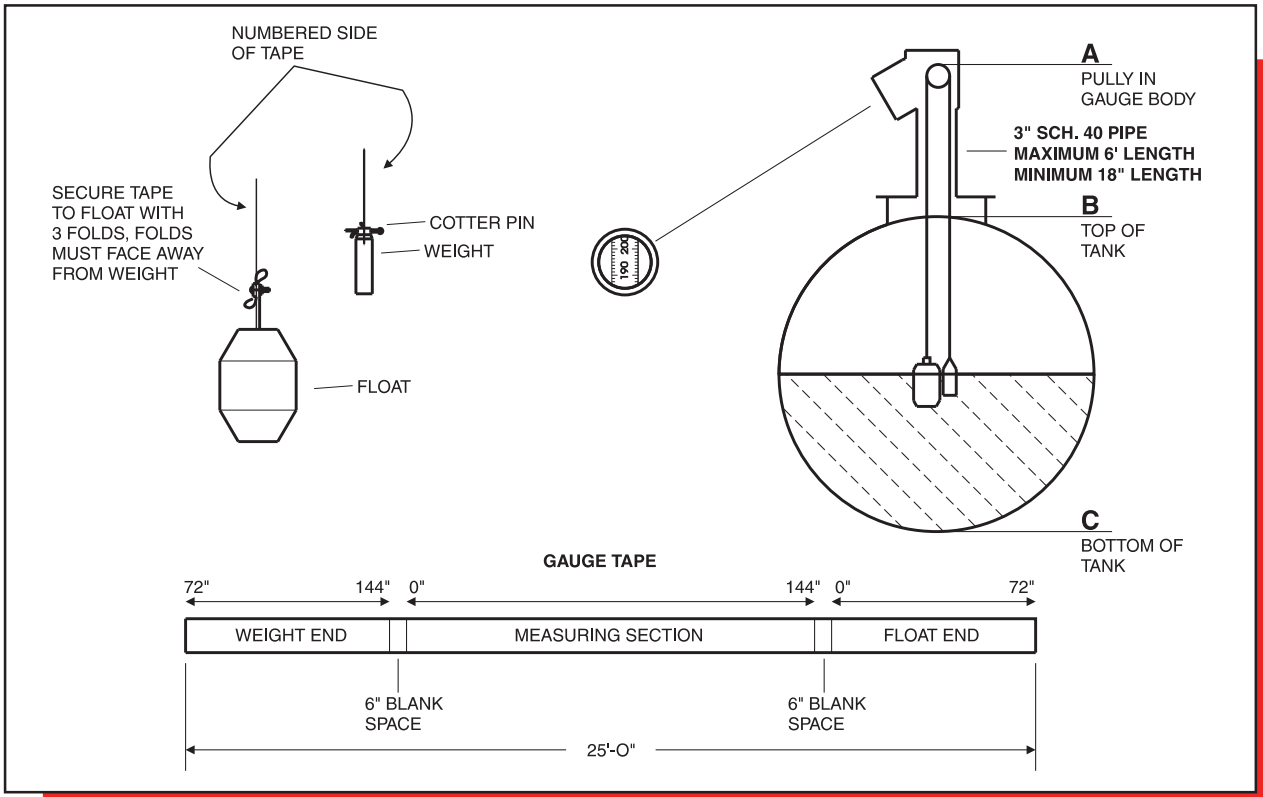
SIGHT GAUGE

Features

Designed for measuring the liquid level in AST's. Entirely mechanical in operation. Sight gauge is readable up to 20 feet in height and visible from a distance of 12 feet. Easily installed in a 3" or 2" riser opening on top of the AST. Highest quality materials are used in the construction of the gauge, and it is impervious to most fuels. Accurate to 1/16th of an inch, with light aperture in top for easy viewing night or day. Tape, float and other parts are safely installed through the riser pipe into the AST, minimizing the chance of vandalism. Sight gauge may be combined with an audible alarm, see #1350.

1313

Part No.	Size	Wt.lbs
1313-03-2006	2"	6.0
1313-03-2000	3"	6.0



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2-98

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SIGHT GAUGE

INSTALLATION INSTRUCTIONS

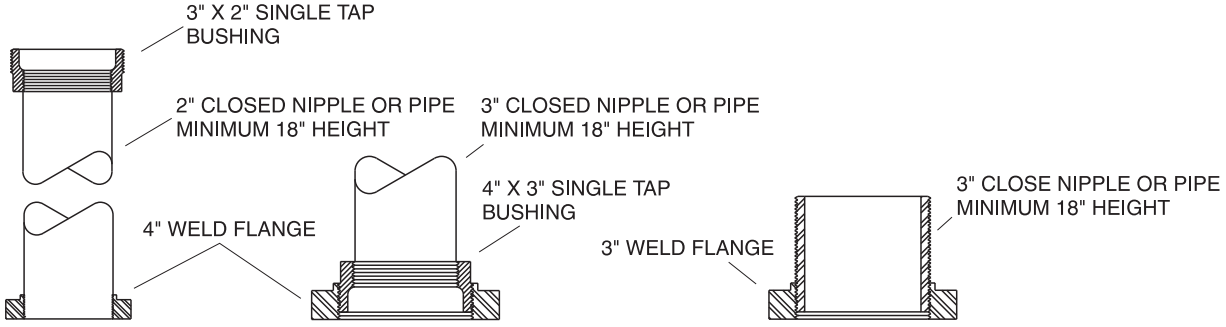
1. Install 3” schedule 40 vent pipe in tank opening. Pipe should be a minimum length of *18”*.
2. Ream interior of 3” pipe to remove all burrs.
3. The gauge tape is 25 feet in length and consists of a 6 foot “weight end”; a 12 foot “measuring section”; a 6 foot “float end” and two 6 inch blank spaces. The gauge tape will accommodate up to a 12 foot tall tank, (see illustration).
4. Beginning at 0 inches on the “measuring section” and moving towards the “weight end”, measure and mark dimension A to B, (see illustrations). Cut tape at this mark.
5. Insert cut “weight end” of tape in the weight, and align. Punch a hole through the tape with nail provided. Secure weight top tape with cotter pin, being certain the cotter pin is inserted through numbered side of tape. Bend cotter pin ends back and around weight.
6. Using a tank gauge stick, determine dimension A to C. Beginning at 0 inches on the “measuring section” and moving towards the “float end” of the tape, measure and mark dimension A to C plus 6 inches.
7. Measure and mark a point 8 inches from “float end” of tape. Thread tape through clamp on float and locate float at this mark, (see illustrations). Make three folds of the tape and secure tape to float as illustrated. Be certain that tape folds face away from weight.
8. Install body of sight gauge on riser pipe. Point sight glass in the direction the tape is to be read.
9. Remove cover / pulley assembly using allen wrench supplied with unit. Thread weight through pulley bracket making sure the tape and float are facing toward the glass side of the cover / pulley assembly.
10. Feed weight through top of sight glass body - down into riser pipe until the weight touches the bottom of the tank. Feed float slowly through the sight glass body & riser pipe until it reaches liquid or the bottom of the tank.
11. Make sure tape is on the pulley and that the pulley rotates freely. Replace cover / pulley assembly leaving the allen screws loose. Calibrate gauge as necessary, then tighten allen screws to insure a tight seal.

CALIBRATION INSTRUCTIONS

1. Accurate calibration can only be done when liquid to be gauged is in the tank.
2. At fill opening of tank, take an accurate measurement, (in inches) of the liquid with a gauge stick.
3. Compare the gauge stick reading with the sight gauge reading, if the tape reads more than the stick reading, shorten the tape at the float end accordingly. If the tape reads less than the stick reading, lengthen the tape accordingly.

INSTALLATION VARIATIONS

Note: Leave the instructions with the facility owner or manager.



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