

SEPTIC TANK INSPECTION PROCEDURE

1. Set up an appointment to meet at septic tank manufacturer's yard or warehouse. Confirm that all sizes of septic tanks to be tested have been properly cured and that the manufacturer is prepared to assemble the tanks in your presence.
2. Witness the procedure for assembly of the septic tanks. Record the method of sealing the tank and the type of sealer used at the seam. Verify interlocking joint on two-piece tanks.
3. Before a septic tank is filled with water take measurements of outside dimensions at the top and bottom of the tank. If the tank is larger in the middle or at the seam, add these dimensional measurements to the inspection form. The septic tank measurements are used to verify the submitted plans and specifications. Record the inspection port and manhole dimensions. Also, record the type of material used for handles.
4. Record the tank markings. Record the diameter of the inlet/outlet. Measure and record the thickness of the walls and lid. Measure the height of the inlet and outlet; verify 3-inch differences. Measure the height from the bottom of the tank to the invert of the inlet and outlet on the inside of the tank. **Do not enter the septic tank!** Measure the total interior height at the inlet and outlet. Measure the inlet and outlet baffle or vented tee dimensions and check for protective coating on the outlet.
5. Record the date and time of the first inspection, seal the tank, ask the manufacturer to fill the tank to the invert of the outlet with water, and let stand for 24 hours.
6. Return after 24 hours for the final inspection. Record your observations on the condition of the tank. Observe the tank walls for seeps, cracks and estimate the percent pitting. Observe the ground around the tank for evidence of leaks. Refill the tank. Verify that the tank is watertight by observing the liquid level over an hour. Measure the liquid depth at the inlet and outlet.
7. Record all comments on the bottom of the inspection form. Measure and record the height of the baffle or vented tee above the liquid level at the inlet and outlet. Measure and record the air gap above the baffle or vented tee at the inlet and outlet. Measure and record the outlet baffle or vented tee depth below liquid level.
8. Record the date and time of the second inspection. Sign the inspection form. Review septic tank inspection form with the manufacturer.
9. Send a copy of the inspection form to: State Septic System Coordinator, Department of Environmental Quality, 1410 N. Hilton, Boise ID, 83706

SEPTIC TANK INSPECTION

MANUFACTURER _____
ADDRESS _____
PHONE NUMBER _____

FILL DATE ____________
TIME _____:_____
INSP DATE ____________
TIME (refill) _____:_____

TANK MARKINGS:

VOLUME _____ SEALANT MATERIAL (TWO-PIECE TANKS):
INLET _____ LID SEALANT _____
OUTLET _____ TANK WALLS _____
MANUFACTURER'S NAME _____

WALL THICKNESS AT:

INLET _____ MINIMUM 2.5"
OUTLET _____

DIAMETER OF:

INLET _____ MINIMUM 4"
OUTLET _____

OUTSIDE DIMENSIONAL MEASUREMENTS:

WIDTH TOP _____ BOTTOM _____ SEAM _____
LENGTH TOP _____ BOTTOM _____ SEAM _____
HEIGHT _____
INLET HEIGHT _____
OUTLET HEIGHT _____ DIFFERENCE (3") _____

INSIDE DIMENSIONAL MEASUREMENTS (DO NOT ENTER TANK!):

LIQUID DEPTH AT: TOTAL INTERIOR HEIGHT:
INLET _____ INLET _____
OUTLET (T1) _____ (T2) _____ OUTLET _____

INSPECTION PORT DIMENSIONS:

INLET _____ X _____ MINIMUM 8"
OUTLET _____ X _____ MINIMUM 8"
MANHOLE _____ X _____ CORROSION RESISTANT STRAP _____
TOP THICKNESS _____ MINIMUM 3"

BAFFLE DIMENSIONS:

OUTLET BAFFLE DEPTH _____
OUTLET PROTECTIVE COATING _____
BAFFLE HEIGHT ABOVE LIQUID: BAFFLE VENTED ≥ 1 ":
INLET _____ INLET _____
OUTLET _____ OUTLET _____

COMMENTS (% pitting, cracks, seeps, etc.): _____

INSPECTOR'S SIGNATURE: _____ REHS DATE ____/____/____