



494836/495889SS

A1004/A1005 Rim Replacement Kit

INSTALLATION INSTRUCTIONS

Emco Supplied Parts

Primary rim w/lid seal
(8) 3/8" x 1" long bolts
Rim gasket
(4) 3/8" studs

Required Tools

3/8" socket
Plumbers putty or
heavy grease
1/4" Allen wrench

Purchased Separately from Emco

Emco 494833 Test Cover
Emco A1004-210TEST



Step 1: Remove lid.



Step 2: Remove every other bolt from the primary rim.



Step 3: Insert (4) 3/8" studs (included) into the holes a minimum of 1/4".



Step 4: Remove remaining 4 bolts. Remove rim and rim seal, and discard both.



Step 5: Apply lubricant to the new rim seal prior to installing in the primary container.



Step 6: Install new rim and seal over studs.

Step 7: Install bolts provided into 4 open holes.

Step 8: Remove studs and replace with 4 remaining bolts.

Step 9: Install lid seal on lid. Install lid onto manhole.

Step 10: Testing

Perform one of the following test procedures as specified by customer:

Integrity Test - perform per following procedure (back page), with customer specified cap and adapter.

Hydrostatic Test - perform if specified per customer or local regulations. Perform per local guidelines.



Integrity Test Procedure

Equipment (not supplied)

Emco A1004-210TEST Vacuum Apparatus w/test adapter 494343

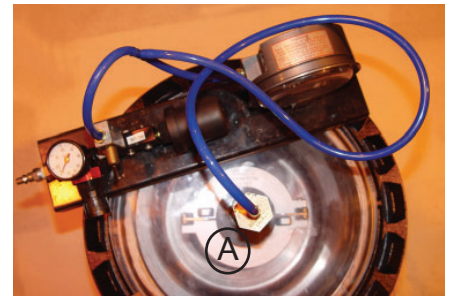
Emco 494833 Test Cover

Timer

Air supply

Procedure

1. Line top surface of stainless steel bucket with plumbers putty as shown. (Heavy grease may be used, but may not work properly on rough surfaces.)
2. Place test cover over plumbers putty or heavy grease.
3. Insert brass plug from test unit into opening in test cover (A).
4. Attach air pressure source to air pressure regulator on vacuum apparatus.
5. Slowly apply vacuum of 30" water column (2.2" mercury) to the interstitial space, by moving the toggle switch. Wait 30 seconds. Reapply 30" water column.
6. Ensure switch is in off (center) position, start timer and record remaining vacuum after 1 minute.
7. If the remaining vacuum after 1 minute is 26" water column (1.9" mercury) or greater, the containment is tight.
8. If the test fails, determine if leak point is at test cover seal, cap or adapter, or base flange o-ring by spraying a soap solution to each area and watching for bubbles. Repair as required and retest.
9. Replace components.



Follow-Up Testing

If follow-up or annual retesting is required by local/state regulation, use the above procedure.

Tank Operator Responsibilities

Tank operator must ensure that all Federal, Provincial and local codes are being met during the filling of the tank.

All operators must be familiar with proper filling procedures.

The operator responsible for transferring product to an above ground storage tank must take all reasonable steps to prevent spillage.

The delivery hose from the tank's fill pipe must not be disconnected before the hose has been drained completely.

When tank vehicles are being unloaded, the vehicle operators must remain

- (a) in constant view of the transfer nozzle and fill pipe; and
- (b) in constant attendance at the discharge control valve.