

CYLINDER CHANGING PROCEDURE

For Chlorinators, Sulphonators and Ammoniators.

(Post Near Gas Containers in a Conspicuous Place)

IMPORTANT

READ and OBSERVE these and all related instructions thoroughly before proceeding.
KNOW and OBSERVE proper safety procedures when handling gas cylinders and related equipment.
ENSURE that all required safety equipment is in place and in good working condition.

TO CHANGE CYLINDERS

- 1** Using cylinder wrench, turn cylinder valve stem clockwise to close. Be certain cylinder valve is closed before removing regulator.
- 2** With water supply to ejector (vacuum to regulator), ensure that rotameter ball drops to zero indicating no residual gas flow through regulator.
- 3** If no gas flow exists, remove regulator by loosening yoke handle and lifting regulator from cylinder valve. Turn off water supply to ejector.
- 4** Replace cylinder. Remove protective hood and **MAKE SURE** the gas valve is closed, then remove the valve cap. Ensure the valve outlet is clean and free of dirt and residue.
- 5** REMOVE OLD LEAD GASKET FROM REGULATOR AND DISCARD. Replace with new lead gasket. NEVER re-use old lead gasket.
- 6** Position regulator on cylinder valve ensuring lead gasket is in place. Tighten yoke handle clockwise until secure and lead gasket is slightly compressed.
- 7** Open cylinder valve slightly and quickly re-close.
- 8** Test for gas leaks using accepted procedures.
- 9** If a leak is detected **MAKE SURE** the gas valve is closed and repeat steps #2 and #3 of this procedure. Then remove the regulator/inlet adapter assembly and correct the problem causing the leak. Once the problem is corrected, start with step #5 of this procedure and continue through the remaining steps. **IMPORTANT:** If a leak is detected when you reach step #9 of this procedure, contact Chlorinators Incorporated @ 1-800-327-9761 for assistance.
- 10** After ensuring no leaks exist and with regulator properly installed, open cylinder valve approximately 1/4 turn. Cylinder wrench should always remain on cylinder valve when in use.
- 11** Turn on ejector water supply and set proper feed rate on regulator.

ADDITIONAL INFORMATION

Refer to Manufacturer's Instruction Bulletins and Operating Manuals for specific information and operation procedures.
Other sources of information include your gas supplier, equipment supplier and the Chlorine Institute.

SAFETY IS NO ACCIDENT



CHLORINATORS INCORPORATED

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TON CONTAINER CHANGING PROCEDURE

For Chlorinators.

(Post Near Gas Containers in a Conspicuous Place)

IMPORTANT

READ and OBSERVE these and all related instructions thoroughly before proceeding.
KNOW and OBSERVE proper safety procedures when handling ton containers and related equipment.
ENSURE that all required safety equipment is in place and in good working condition.

TO CHANGE TON CONTAINERS

(IT IS NOT NECESSARY TO REMOVE THE REGULATOR FROM THE TON ADAPTER WHEN CHANGING TON CONTAINERS. IF IT IS REMOVED, A NEW LEAD GASKET MUST BE USED ON THE REGULATOR INLET ADAPTER EVERY TIME IT IS REINSTALLED ON THE TON ADAPTER.)

- 1 Using cylinder wrench, turn ton container valve stem clockwise to close. Be certain valve is closed before removing regulator / ton adapter combination.
- 2 With water supply to ejector (vacuum to regulator), ensure that rotameter ball drops to zero indicating no residual gas flow through regulator.
- 3 If no gas flow exists, remove regulator / ton adapter assembly by loosening ton adapter yoke handle and lifting assembly from ton container valve. Turn off water supply to ejector.
- 4 Replace the empty ton container with a full one. Remove protective hood and **MAKE SURE** the container valves are aligned vertically. **MAKE SURE** the upper (gas) valve is closed and remove the valve cap. Make sure the valve outlet is clean and free of dirt and residue.
- 5 REMOVE OLD LEAD GASKET FROM TON ADAPTER INLET AND DISCARD. Replace with new lead gasket. NEVER re-use old lead gasket.
- 6 Position regulator / ton adapter assembly on gas (upper) valve ensuring lead gasket is in place. Tighten ton adapter yoke handle until secure and lead gasket is slightly compressed.
- 7 Open cylinder valve slightly and quickly re-close.
- 8 Test for gas leaks using accepted procedures.
- 9 If a leak is detected **MAKE SURE** the gas valve is closed and repeat steps #2 and #3 of this procedure. Then remove the regulator/inlet adapter assembly and correct the problem causing the leak. Once the problem is corrected, start with step #5 of this procedure and continue through the remaining steps. **IMPORTANT:** If a leak is detected when you reach step #9 of this procedure, contact Chlorinators Incorporated @ 1-800-327-9761 for assistance.
- 10 After ensuring no leaks exist and with regulator / inlet adapter assembly properly installed, open ton container valve approximately 1/4 turn. Cylinder wrench should always remain on container valve when in use.
- 11 Turn on ejector water supply and set proper feed rate on regulator.

ADDITIONAL INFORMATION

Refer to Manufacturer's Instruction Bulletins and Operating Manuals for specific information and operation procedures.
Other sources of information include your gas supplier, equipment supplier and the Chlorine Institute.

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