

# **DANGER**                      READ THIS FIRST                      **WARNING**

## **LP-GAS IS EXTREMELY FLAMMABLE AND EXPLOSIVE**

AVOID SERIOUS INJURY AND PROPERTY DAMAGE. IF YOU SEE, SMELL OR HEAR ESCAPING GAS...EVACUATE AREA IMMEDIATELY! CALL YOUR LOCAL FIRE DEPARTMENT! DO NOT ATTEMPT TO REPAIR. DO NOT STORE IN BUILDING OR ENCLOSED AREA. DO NOT USE ON HOT AIR BALLOONS OR AIRCRAFT.

Make sure you are thoroughly trained before you attempt any valve installation, maintenance or repair. Improper conditions or procedures can cause accidents resulting in property damage and personal injury.

Become thoroughly familiar with NPGA Safety Pamphlet 306 "LP-Gas Regulator and Valve Inspections & Maintenance" and RegO® Safety Warnings "LP-Gas Cylinder Valves", "LP-Gas Excess Flow Valves", and "LP-Gas Filler and Hose End Filling Valves" found in the cylinder valve, excess flow valve, and filler valve sections of the L-500 & L-102 Catalogs. Follow their recommendations.

Know and understand NFPA Pamphlet 58 "Liquefied Petroleum Gas Code", which is the law in many states. This publication is available from NFPA, Batterymarch Park, Quincy, MA 02269. Following its requirements is essential in the safe use of LP-Gas. Section 4.4 states: "Persons who transfer liquid LP-Gas, who are employed to transport LP-Gas, or whose primary duties fall within the scope of this code shall be trained in proper handling procedures. Refresher training shall be provided at least every three years and shall be documented."

Make sure this valve is the proper one for this installation. Avoid misusing LP-Gas equipment.

Apply thread joint compound compatible with LP-Gas on valve external threads only. Make sure compound never comes into contact with other parts of the valve.

Install valves by applying force to wrenching flats only.

Tighten pipe threads approximately 1 to 1-1/2 turns beyond the hand-tight insertion point using a wrench which avoids damage to other valve parts.

Check for damage and proper operation after valve installation. Check that the valve is clean and free of foreign material.

Check container-valve connection with a non-corrosive leak detection solution before filling with LP-Gas.

Purge container before filling with LP-Gas (refer to the RegO LP-Gas Serviceman's Manual for recommended procedure).

Test excess flow check valve for proper operation before placing into service. See NPGA Bulletin 113 for recommended procedure.

Check outlet connection make-up for leaks with a non-corrosive leak detection solution when placing into service.

RegO Filler Valves: To prevent damage to the internal checks when it is necessary to utilize an unloading adapter, use ONLY RegO 3119A, 3120 and 3121 Unloading Adapters with RegO Filler Valves. Carefully follow the instructions supplied with these unloading adapters.

If container is not being placed into service at the present time, insert plug or cap onto the outlet connection.

In selecting a label for posting at the installation site, consider RegO part number 901-400 or 903-400 along with your own, NPGA's and others.

Remember to instruct the owner/user/customer in safety matters concerning LP-Gas and this equipment. See RegO Safety Warnings "LP-Gas Cylinder Valves", "LP-Gas Excess Flow Valves", and "LP-Gas Filler and Hose End Filling Valves" found in the cylinder valve, excess flow valve, and filler valve sections of the L-500 & L-102 Catalogs.

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Printed in USA REV L 11-1018-0686  
Part number 903-500

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## **ANHYDROUS AMMONIA IS FLAMMABLE AND EXPLOSIVE**

EXPOSURE TO ANHYDROUS AMMONIA IS CORROSIVE TO HUMAN TISSUE. IT CAN BE LIFE THREATENING AND MAY EVEN CAUSE DEATH. IT IS CLASSIFIED AS AN INHALATION HAZARD. AVOID SERIOUS INJURY AND PROPERTY DAMAGE. IF YOU SEE, SMELL OR HEAR ESCAPING GAS...EVACUATE AREA IMMEDIATELY! CALL YOUR LOCAL FIRE DEPARTMENT! DO NOT ATTEMPT TO REPAIR. DO NOT STORE IN BUILDING OR ENCLOSED AREA. DO NOT USE ON HOT AIR BALLOONS OR AIRCRAFT.

Make sure you are thoroughly trained before you attempt any valve installation, maintenance, or repair in or on Anhydrous Ammonia containers and systems. Improper conditions or procedures can cause accidents resulting in property damage and personal INJURY.

Become thoroughly familiar with ANSI K61.1/CGA G-2.1, American National Standard for the Storage and Handling of Anhydrous Ammonia, US Department of Labor, Occupational Safety, and Health Administration (OSHA) 29 CFR, read and follow RegO® installation/operation instructions and technical information supplied in our L-500 and L-102 catalogs. Follow their recommendations.

Know and understand ANSI K61.1/CGA G-2.1 which is the law in many states. This publication is available from the Compressed Gas Association, 4221 Walney Road, 5th floor, Chantilly, VA 20151-2923 ([www.cganet.com](http://www.cganet.com)). Following its requirements is essential in the safe use of Anhydrous Ammonia. Section 3.1 states: "Any person required to handle, transfer, transport or otherwise work with ammonia shall be trained to understand the properties of ammonia, to become competent in safe operating practices, and to take appropriate actions in the event of leak or an emergency."

Make sure the valve(s) selected are the proper one(s) for installation in Anhydrous Ammonia Service.

Avoid misusing Anhydrous Ammonia equipment.

Apply thread joint compound compatible with Anhydrous Ammonia on valve external threads only. Make sure compound never comes into contact with other valve parts.

Install valves by applying force to wrenching flats only.

Tighten pipe threads approximately 1 to 1-1/2 turns beyond the hand-tight insertion point using a wrench which avoids damage to other valve parts.

Check for damage and proper operation after installation. Check that the valve is clean and free of foreign material.

Check container-valve connection with a non-corrosive leak detection solution before filling with Anhydrous Ammonia.

Purge air from container before filling with Anhydrous Ammonia. Follow guidelines in ANSI K61.1/CGA G-2.1.

Test valves for proper operation before placing into service. See RegO installation/operation instructions and information supplied in the L-500 and L-102 catalogs.

Check outlet connection make-up for leaks with a non-corrosive leak detection solution when placing into service.

If container is not being placed into service at the present time, insert a plug or cap onto the outlet connection.

Remember to instruct the owner/user/customer in safety matters concerning Anhydrous Ammonia and this equipment. See RegO Safety Warnings found in the L-500 & L102 Catalogs.

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Printed in USA REV G 07-0620-1002  
Part number AA904-500