
AMMONIA EMERGENCY KIT

FOR AMMONIA CYLINDERS DOT 3A480 & 4AA480



The Anhydrous Ammonia Cylinder Emergency Kit is designed to contain leaks at the valve and side wall of ammonia cylinders conforming to DOT specification 3A480 & 4AA480. The Kit includes EPDM molded gaskets, valve containment device, side wall patching device and an ammonia valve yoke with adapter. All kit parts are labeled and color coded blue for ammonia use. Two instruction booklets explaining the application of each device are included.

Emergency Kit Devices Include:

Device #1: designed to contain leaks in and around the cylinder valve. Device #1 will accommodate cylinders up to 15" in diameter with either bumped or foot-ring cylinder bottoms.

Device #8: a patching device designed for sealing leaks in the cylinder side wall.

Features Exclusive to the Ammonia Kit:

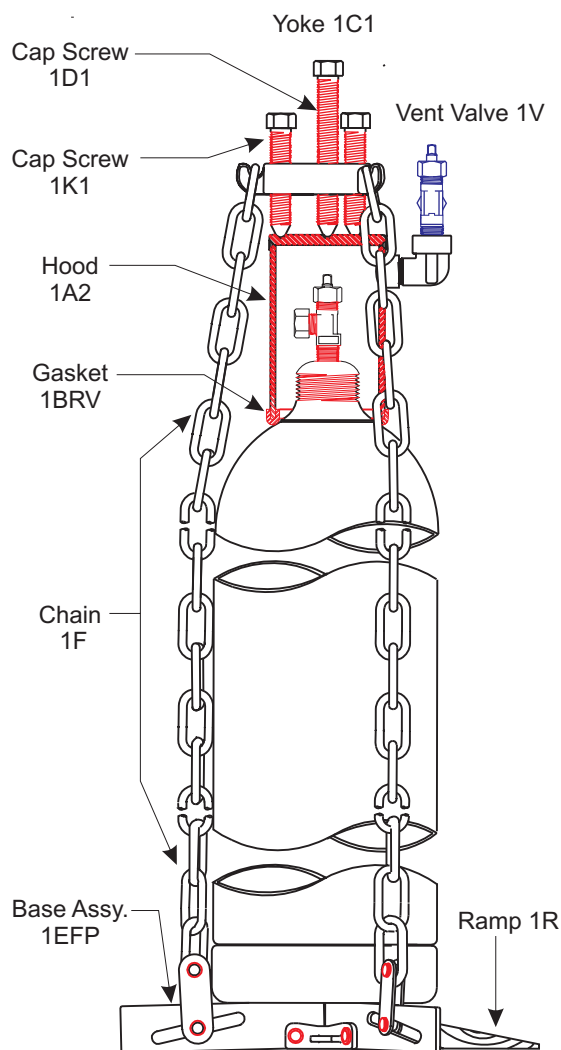
- Hood 1ANH -Ammonia steel outlet valve
- 1EPR Gasket -Molded EPDM Hood Gasket
- 8DNH Patch - Formed with a larger sealing radius to match ammonia cylinders
- 8-9EP Gasket - Molded EPDM Patch Gasket
- 102NH Wrench - Open-end wrench to fit ammonia cylinders
- A-9NH Valve Yoke - Standard valve yoke for ammonia cylinder use
- A-10NH Valve Adapter - Standard valve adapter for ammonia cylinder use
- All parts are labeled with ammonia part numbers and color coded blue

INDIAN SPRINGS
MANUFACTURING

CHLORINE INSTITUTE

EMERGENCY KIT "A" Applications And Parts List

DEVICE No.1



Part Number	Name	Quantity Per Kit
1A2	Hood Assembly, with (1V) Vent Valve	1
1BRV	Gasket, Molded Viton**, 5-7/8 OD x 4-5/8 ID x 3/16 wall	2
1C1	Yoke	1
1D1	Cap Screw	1
1K1	Cap Screws	3
1EFP	Base Assembly with Chains	1
1R	Ramp	1
2	Clamp Assembly (2A,2C,2D)	1
2B	Gasket, Garlock 3000, 15/16 dia. x 1/16	10
8A	Chain	1
8B	Yoke	1
8C	Cap Screw	1
8D	Steel Patch	1
8EV	Gasket, Viton**, 3" sq. x 1/8	2
200	Wrench, 3/8 sq. box, 1-1/4 open end 7-1/4"	1
201	Wrench, straight open end, 1-1/4 x 1-1/8 x 12-1/8	1
203	Wrench, combination, 7/16 x 7-1/4"	1
A-1	Hammer, Machinist 3 lb.	1
A-2	Hacksaw, 10", and 3 blades	1
A-3	Drift Pin, 5/32 x 1/2 x 6	2
A-4	Drift Pin, 7/8 x 1-1/4 x 8	2
A-5	Ring, vent valve packing, 7/8 OD x 15/32 ID x 1/4 sq.	5
A-6	Railroad Car Seal	15
A-7	Gasket Sack	1
A-8	Paint Scraper, 1-1/4 blade	1
A-9	Valve Yoke	1
A-10	Valve Adapter (820-hose)	1
A-12	Washer, valve outlet, 15/16 OD x 9/16 ID 1/16	5
A-13	Plastic Box	1
A-14	file, 8"	1
144	Toll Roll	1
151A	Kit Box, 35 x 13-3/4 x 14-1/4	1
-	Instruction Booklet	2
-	Chlorine Manual	1
-	Parts List	1

*Note: Emergency Kit A weighs 109 lbs.
 **Note: Viton @ fluoroelastomer is a registered trademark of E. I. du Pont de Nemours, Inc.

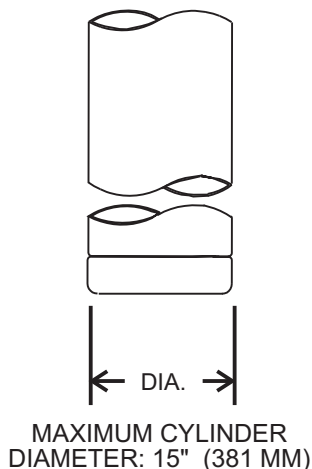
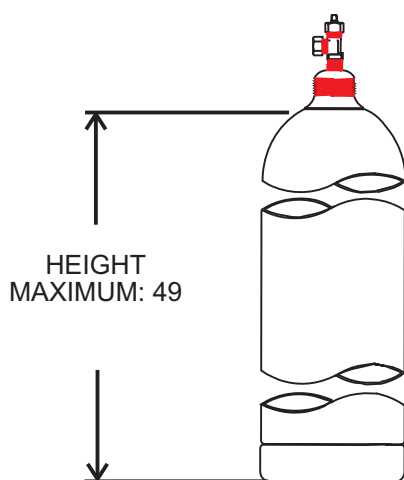
Authorized, trained personnel equipped with suitable respiratory equipment should investigate chlorine leaks promptly. All other persons should be restricted from the affected area.

Ammonia Emergency Kit Parts List

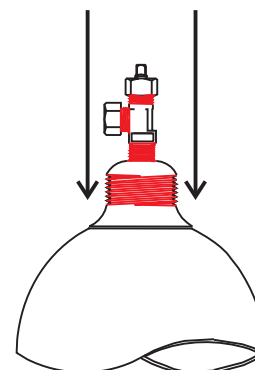
PART#	DESCRIPTION	QTY./KIT
1ANH	Hood Assembly (with vent valve 1VNH)	1
1CNH	Yoke	1
1DNH	Cap Screw	1
1ENH	Base Assembly (with Chains 1FNH)	1
1EPR	Gasket, Molded EPDM	2
1KNH	Cap Screw	3
1RNH	Ramp	1
8ANH	Chain	1
8BNH	Yoke	1
8CNH	Cap Screw	1
8DNH	Patch	1
8-9EP	Gasket, EPDM, 3" square x 1/8 thick	2
200NH	Wrench, 3/8 sq. box, 1-1/4 open end x 7-1/4 lg	1
101NH	Wrench, straight open end, 1-1/4 x 12 lg	1
102NH	Wrench, straight open end, 1-3/8 x 12 lg	1
A-1NH	Hammer, machinist, 48 oz	1
A-3NH	Drift Pin, 9/32 x 1/2 x 6 lg	1
A-4NH	Drift Pin, 7/8 x 1-1/4 x 8 lg	1
A-7NH	Gasket Sack	1
A-8NH	Paint Scraper, 1-1/4 blade	1
A-9NH	Ammonia Valve Yoke	1
A-10NH	Ammonia Valve Yoke Adapter	1
144NH	Tool Roll	1
151NH	Kit Box, 34"L x 16-1/2"H x 16"W	1
	Instruction Booklet	2



MAXIMUM AMMONIA CYLINDER DIMENSIONS



MAXIMUM NECKRING
DIAMETER: 4-3/8"
(111 MM)



MAXIMUM CYLINDER PRESSURE: 100 PSI.

**ACTUAL CYLINDER DIMENSIONS MUST BE LESS THAN
MAXIMUM DIMENSIONS SHOWN TO ENSURE PROPER FIT.**