



UNITED STATES MARINE CORPS
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

EO 11320.5D
FIRE/EJP/kaj
14 MAY 1981

BASE ORDER 11320.5D

From: Commanding General
To: Distribution List

Subj: Servicing of Organic and Nonorganic Fire Extinguishers

Ref: (a) EO 11320.1G

1. Purpose. To establish the procedures for recharging, refilling, and maintaining the various types of fire extinguishers utilized by units at Camp Lejeune and MCAS (H) New River.

2. Cancellation. EO 11320.5C.

3. Background. The first aid-type fire fighting equipment (fire extinguishers) currently in use on this Base may be classified as follows:

a. Organic (normally used on vehicles, field installations, etc.)

- (1) Dry Chemical
- (2) 2 lb, 5 lb, and 15 lb CO2 extinguishers - gas type
- (3) CO2 Automatic System - gas type used in tracked vehicles

b. Nonorganic (normally used in barracks, office buildings, warehouses, and dining facilities).

- (1) 15 lb CO2 extinguishers - gas type
- (2) Air expelled water cans (barracks)
- (3) Dry Chemical

4. Action

a. All types of organic fire extinguishers will be recharged, refilled, and maintained as follows:

(1) 2d Marine Division, FMF. Fire extinguishers organic to these units will be maintained and replaced at the echelon prescribed by applicable SL-4s. CO2 fire extinguishers organic to 2d Marine Division units will be serviced by General Supply Maintenance Company, Maintenance Battalion, 2d Force Service Support Group, Building 902, upon receipt of a work request.

(2) 2d FSSG Units. Dry chemical types will be serviced by using units with material available through normal supply channels. CO2 fire extinguishers organic to 2d FSSG Units will be serviced by General Supply Maintenance Company, Maintenance Battalion, 2d Force Service Support Group, Building 902, upon receipt of a work request.

(3) Marine Corps Base Units, Naval Regional Medical Center, and Naval Regional Dental Center. Maintained by Base Fire Department at Building 1203.

(4) Marine Corps Air Station (Helicopter) New River and tenant units. Fire extinguishers organic to unit aircraft will be serviced by the appropriate Intermediate Maintenance Activity (IMA). Organic dry chemical and CO2 extinguishers will be serviced by the Base Fire Department.

(5) Hydrostatic Testing. CO2 type fire extinguishers require hydrostatic testing once every five years. Testing of CO2 extinguishers organic to 2d Marine Division and 2d FSSG Units will be accomplished by 2d Force Service Support Group, Building 902, upon receipt of a work request. Cost of testing will be borne by the using command. Testing of CO2 extinguishers organic to Marine Corps Air Station (Helicopter) New River and tenant units will be accomplished by Naval Aircraft Rework Facility (NARF), Marine Corps Air Station, Cherry Point, North Carolina.

b. All nonorganic extinguishers will be serviced by the Base Fire Department at Building 1203.

c. The necessary materials for accomplishing this operation may be procured through the normal Marine Corps supply system. Instructions on methods of refilling and recharging fire extinguishers may be scheduled by calling the Base Fire Department (Fire Inspector, 5037 or Deputy Fire Chief, 5956).

d. Units utilizing hand extinguishers will inspect these extinguishers on a monthly basis.

EO 11320.5D
14 MAY 1981.

e. Attention is directed to paragraph 5b(4) of reference (a) pertaining to the expenditure of extinguishers where no fire has occurred. Past experience indicates that only a very small percentage of expended extinguishers are utilized for the purpose intended.

5. Applicability. Having received the concurrences of the Commanding General, 2d Marine Division, FMF, 2d Force Service Support Group (Rein), FMF Lant; the Commanding Officer, Naval Regional Medical Center; Commanding Officer, Naval Regional Dental Center, and the Commanding Officer, MCAS (H) New River, this Order is applicable to those commands and all civilian personnel employed on the Base or utilizing its facilities.

J. R. Fridell
J. R. FRIDELL
Chief of Staff

DISTRIBUTION: A
Fire Dept (25)

Fire Mar

HEADQUARTERS
FLEET MARINE FORCE, ATLANTIC
NAVAL BASE, NORFOLK 11, VIRGINIA

21/461/jic

9 DEC 1958

From: Commanding General
To: Distribution List

Subj: Fire Fighting Equipment; carbon dioxide fire extinguishing
systems: modernization of valving for

Ref: (a) BUSHIPS INSTRUCTIONS 9930.4 dtd 21 Oct 1958 w/2 enclosures

1. Reference (a) is forwarded herewith for information and action as appropriate.

E. A. POLLOCK

Richard Quigley
RICHARD QUIGLEY
By direction

Distribution List:

- Commanding General, Aircraft, FMF, Atlantic, Norfolk 11, Va.
- Commanding General, 2d Marine Division, FMF, Camp Lejeune, N. C.
- Commanding General, 2d Marine Aircraft Wing, FMF, Atlantic, Marine Corps Air Station, Cherry Point, N. C.
- Commanding General, Force Troops, FMF, Atlantic, Camp Lejeune, N. C.
- Commanding Officer, 2d Force Service Regiment, Camp Lejeune, N. C.
- Commanding Officer, Headquarters & Service Battalion, FMF, Atlantic, Norfolk 11, Va.

check -

Copy to:
CG MCSC, Albany, Ga.
CG MCB, CLNC

HEADQUARTERS
FIRST AIRBORNE DIVISION
FARM HOUSE, WINDY HILL, VIRGINIA

21681110

From: Commanding General
1st Airborne Division

Subject: The Fighting Equipment section of the Catalogue
of the Department of Defense

Re: (a) BUNNIE INSTRUCTIONS 9900-4 and 21 Oct 1954 w/2 enclosures

1. Reference (a) is forwarded herewith for information and action as appropriate.

E. C. WALKER

[Handwritten signature and illegible text]

Distribution List:

- Commanding General, 1st Airborne Division, Fort Bragg, NC
- Commanding General, 1st Airborne Division, Fort Bragg, NC
- Commanding General, 1st Airborne Division, Fort Bragg, NC
- Commanding General, 1st Airborne Division, Fort Bragg, NC
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- Commanding General, 1st Airborne Division, Fort Bragg, NC
- Commanding General, 1st Airborne Division, Fort Bragg, NC

Copy to:

1st Airborne Division
1st Airborne Division



DEPARTMENT OF THE NAVY
BUREAU OF SHIPS
WASHINGTON 25, D. C.

IN REPLY REFER TO
BUSHIPS 9930.4
Ser 648-2908
21 October 1958

BUSHIPS INSTRUCTION 9930.4

From: Chief, Bureau of Ships
To: Commanders, All U. S. Naval Shipyards
All Type Commanders
All Industrial Managers and Assistant Industrial Managers, USN.
Commanding Officers, All U.S. Naval Ship Repair Facilities

Subj: Fire Fighting Equipment; carbon dioxide fire extinguishing systems; modernization of valving for

- Encl: (1) Description of modifications necessary to convert carbon dioxide cylinder valving on equipment supplied by the C-O-TWO Co.
(2) Description of parts for converting carbon dioxide cylinder valving on equipment supplied by Walter Kidde & Co., Inc.

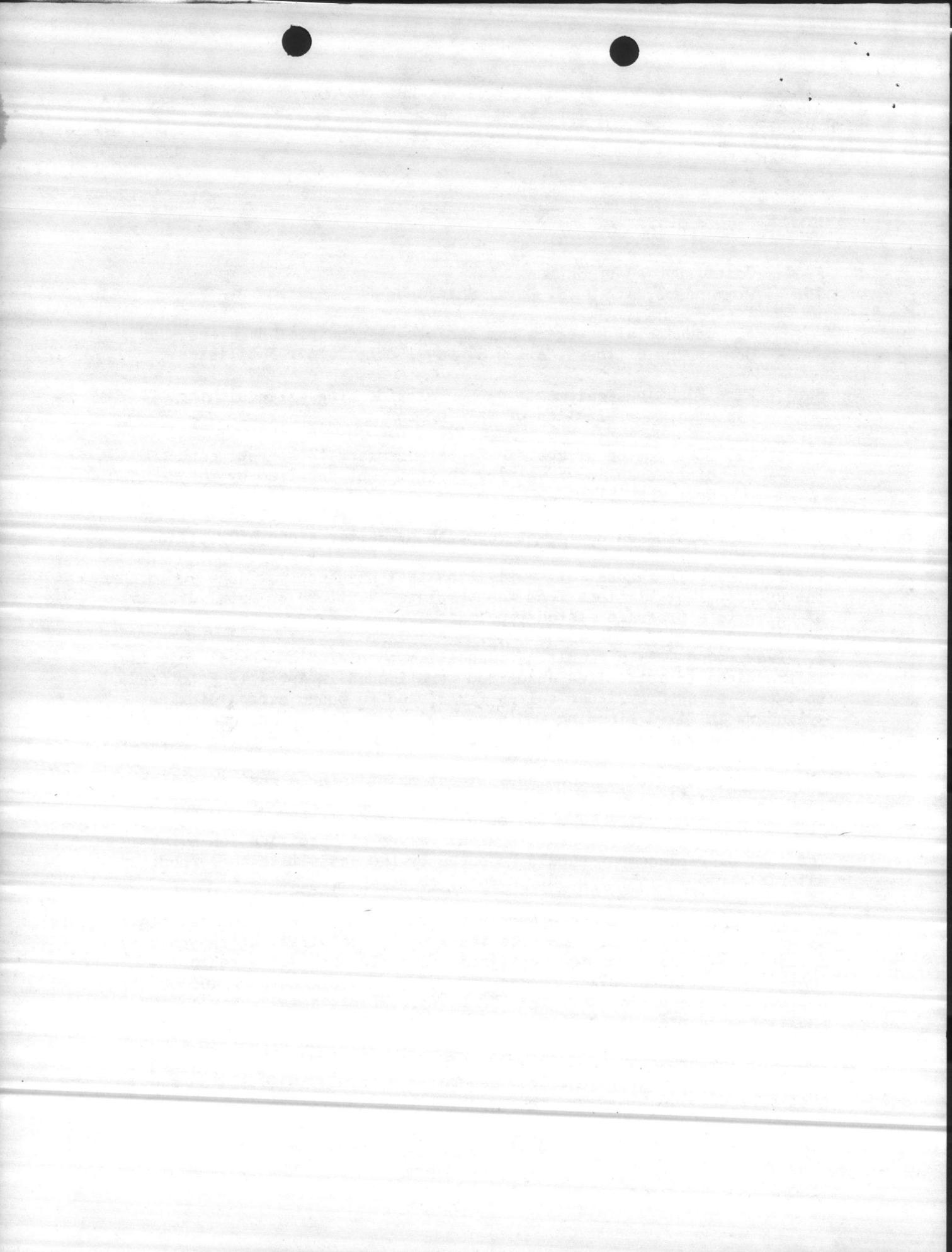
1. Purpose. To request all activities that have not yet done so to change the subject installations from the obsolete, "cutter" or metal disk type of valve to a pressure seated type.

2. Background. As a result of casualties involving personnel injuries, instructions to activities concerned were issued in April 1945 to convert to type I, class C cylinder valves for 35 and 50 pound carbon dioxide cylinders in fixed flooding and hose reel systems. It has come to the attention of the Bureau that some activities have not complied therewith.

3. Action. In view of the necessity of maintaining a most effective fire fighting installation with safety to personnel, it is requested that activities which still have the obsolete type "cutter" valves, replace them with type I, class C (pressure seated) valves of Specification MIL-V-17360. The cost of replacement should be borne by the activities concerned. Materials removed shall be disposed of as scrap.

4. Discussion. The above changeover involves changing other associated items, which in turn depends upon the type of installation concerned. Enclosure (1) describes the modifications necessary if the equipment installed is that supplied by the C-O-TWO FIRE EQUIPMENT COMPANY or the C-O-TWO SYSTEMS DIVISION of THE FYR FYTER COMPANY, Newark, New Jersey. Enclosure (2) prepared by the manufacturer, describes the modifications necessary if the equipment installed is that supplied by WALTER KIDDE & COMPANY, INCORPORATED of Belleville, New Jersey. The equipment required for conversion is available from General Stores, as indicated on the enclosures.

S2535



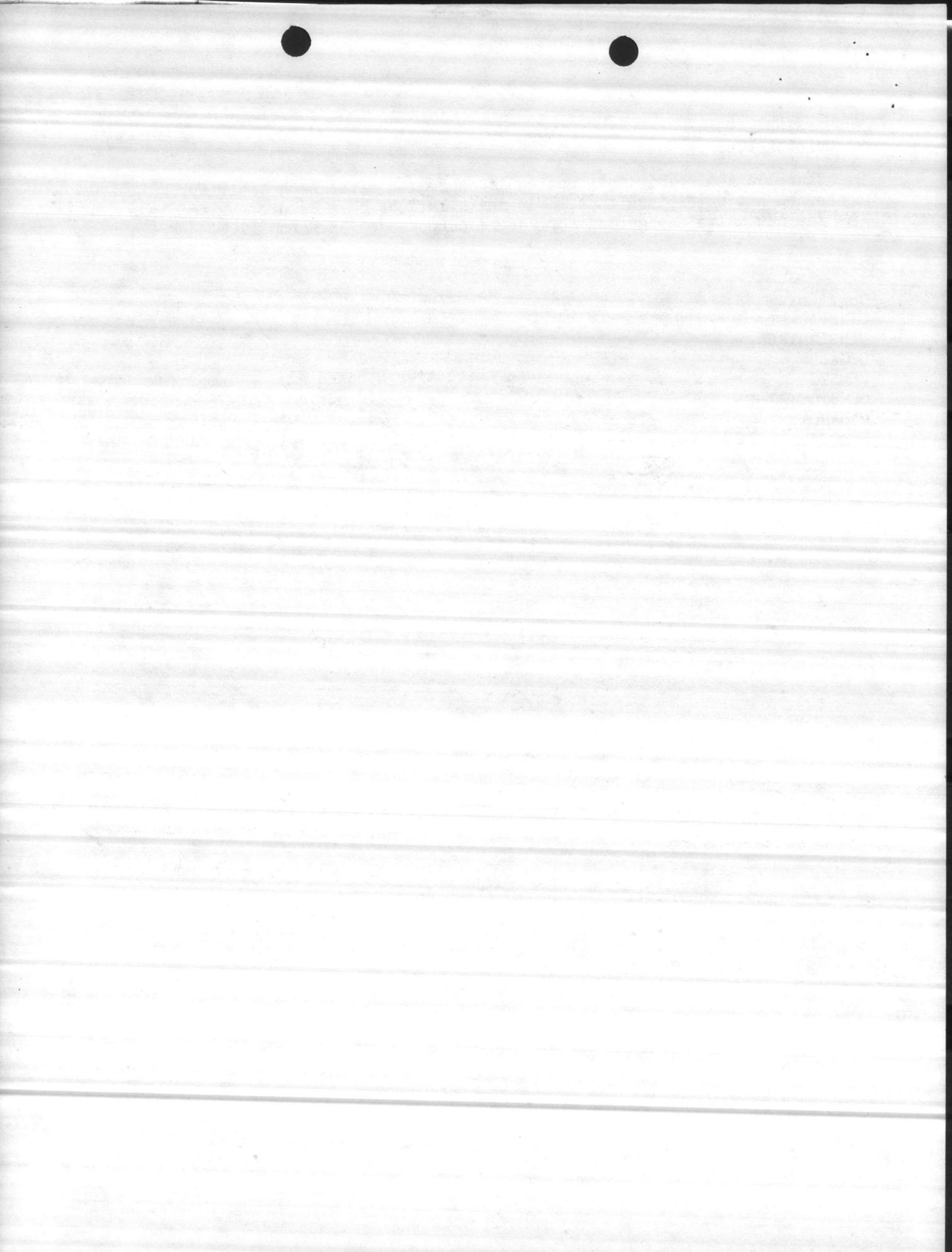
EUSHIPSINST 9930.4
21 October 1958

5. Cancellation. This instruction is cancelled after each activity concerned has determined that their installations have been converted to use the new valve design and for record purposes on 31 March 1959.

Copy to:
CINCPACFLT
CINCLANTFLT
COGARD
COMSTS
GENSTOSUPO
BUSANDA
BUDOCKS

G. W. Bailey
G. W. BAILEY
By direction

This Directive Stocked at:
NSC NORVA
GSD, NSC OAKLD CALIF
Supply Dept., NGF WASHDC



ENCLOSURE (1)

DESCRIPTION OF MODIFICATIONS NECESSARY TO
CONVERT CARBON DIOXIDE CYLINDER VALVING ON EQUIPMENT SUPPLIED BY THE
C-O-TWO COMPANY

1. Cutter type cylinder valves and syphons shall be replaced with standard type I, class C valves carried in stock under F. S. No. G4210-396-1583 and new syphon tubes (G4210-494-2532 for 50 pound cylinder and G4210-494-2533 for 35 pound cylinder).

Note: The cutter valves supplied by C-O-TWO COMPANY are marked as type "VC". The new type valves furnished by this company are marked type "VFN".

2. C-O-TWO COMPANY discharge heads identified as type AP-3 cannot be used with the new valves; type AP-6 must be obtained. The basic AP-6 discharge head is carried in stock under F. S. No. G4210-287-3742 and should be fitted with the same type lever as before.

Note: Discharge heads for lever operation are fitted with a vented plug to relieve any inadvertent check valve leakage.

Federal stock numbers for the levers are:

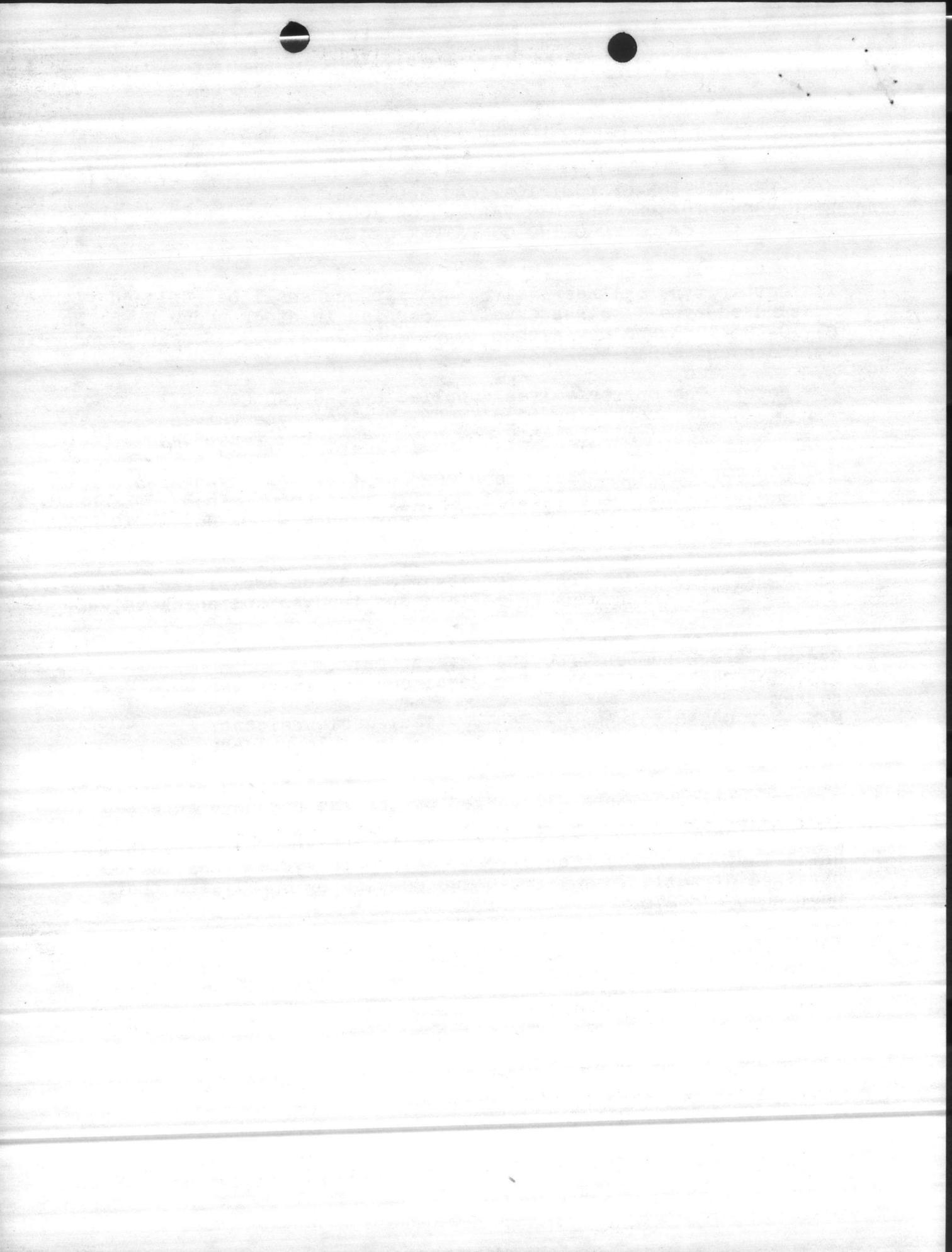
F.S. No. G4210-494-2509 - for local control lever for hose reel system

F.S. No. G4210-391-5549 - for vertical cable release

F.S. No. G4210-494-2508 - for low lever cable release

Those discharge heads in banks, which are not fitted with a lever release, but which are discharged by the gas pressure released from lever operated heads, should be fitted with an acorn cover. Steps are being taken to place these in the stock supply system. Until they become available from the supply system they may be obtained directly from the C-O-TWO COMPANY by specifying their part number 65276.

Enclosure (1) to BUSHIPS SER 648-2908

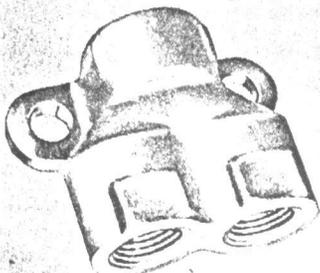


PARTS FOR CONVERTING
Fire Extinguishing Systems and Hose Reels
Having Disc-Type Cylinder Valves
TO TYPE I, CLASS C CYLINDER VALVES



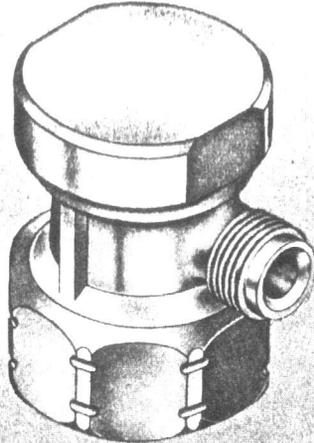
FLEXIBLE LOOP

Kidde Part #966917
 Federal Stock
 #G4210-494-2527



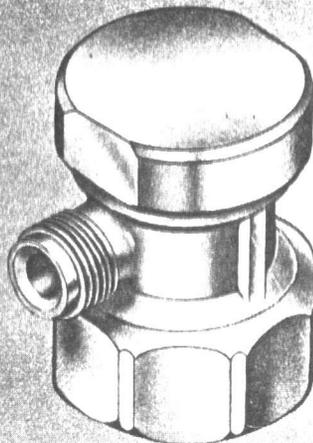
Y FITTING

Kidde Part #66835
 Federal Stock
 #G4210-494-2558



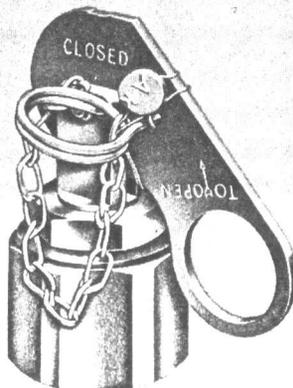
GROOVED NUT DISCHARGE HEAD

(Note grooves on swivel nut)
 Kidde Part #979468
 Federal Stock #G4210-494-2520



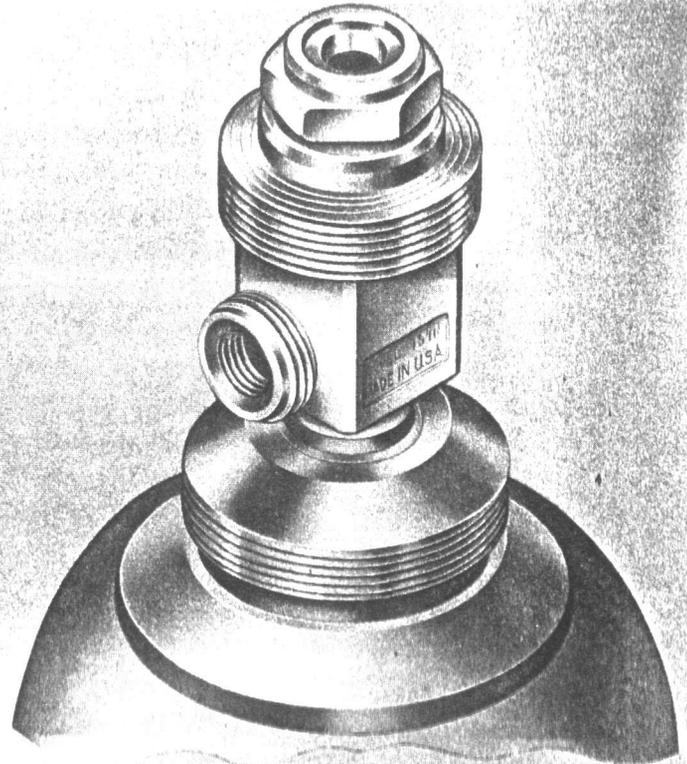
PLAIN NUT DISCHARGE HEAD

(Note absence of grooves on swivel nut)
 Kidde Part #979463
 Federal Stock #G4210-494-2521



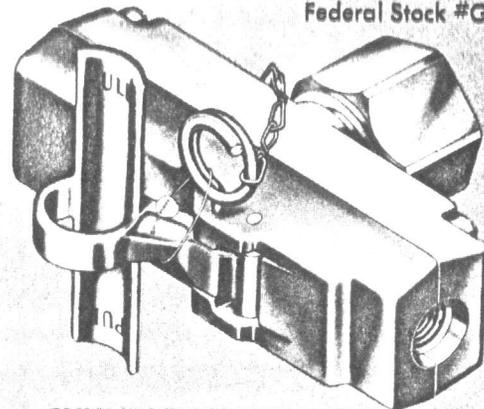
**CYLINDER VALVE
 LOCAL CONTROL MECHANISM**

Kidde Part #870652
 Federal Stock #G4210-494-2510



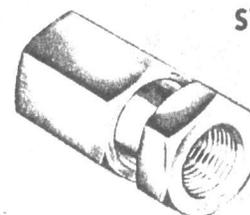
CYLINDER VALVE

Kidde Part #981372
 Federal Stock #G4210-396-1583



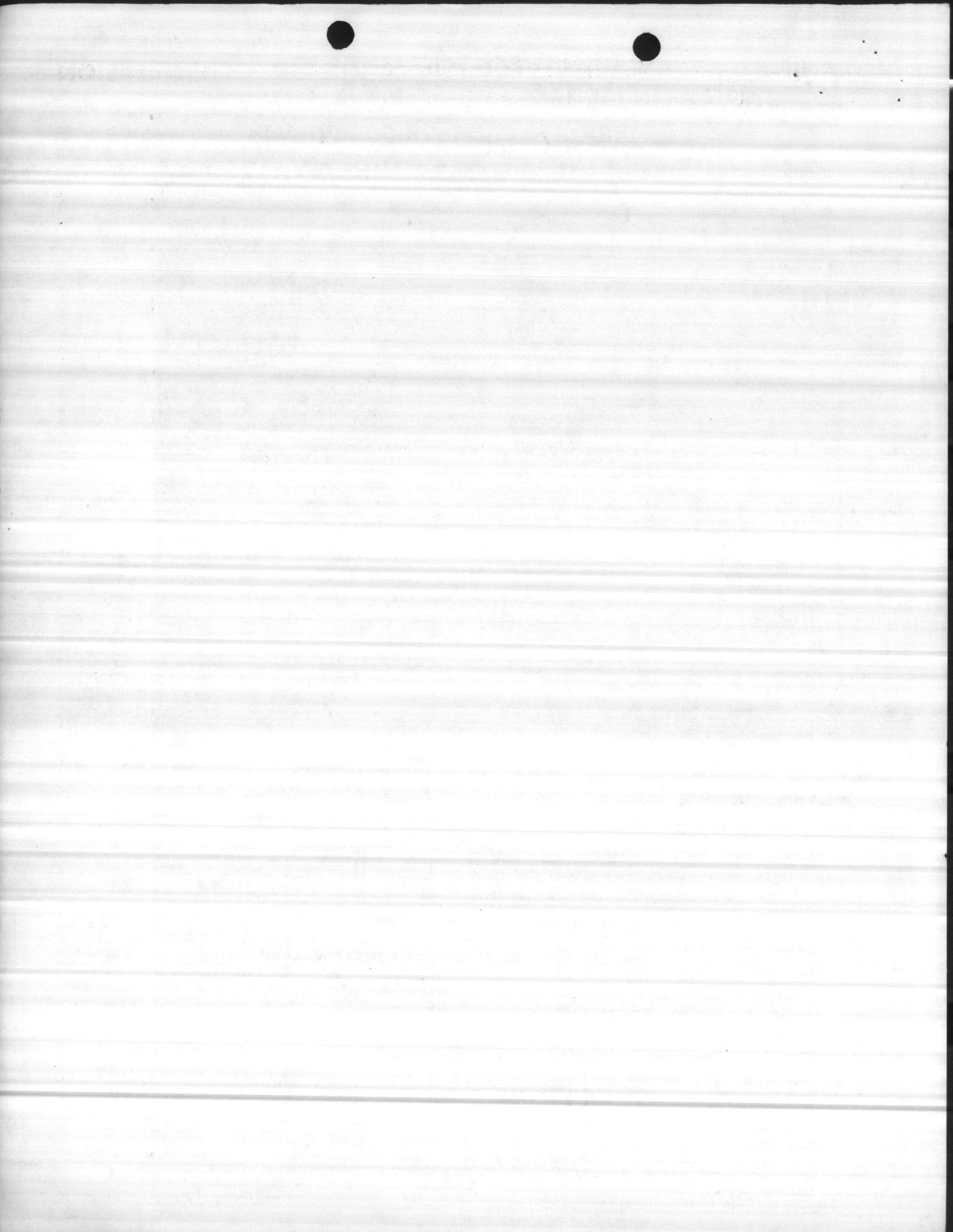
**CYLINDER VALVE
 REMOTE CONTROL MECHANISM**

Kidde Part #979469
 Federal Stock #G4210-396-1582



SWIVEL ADAPTER

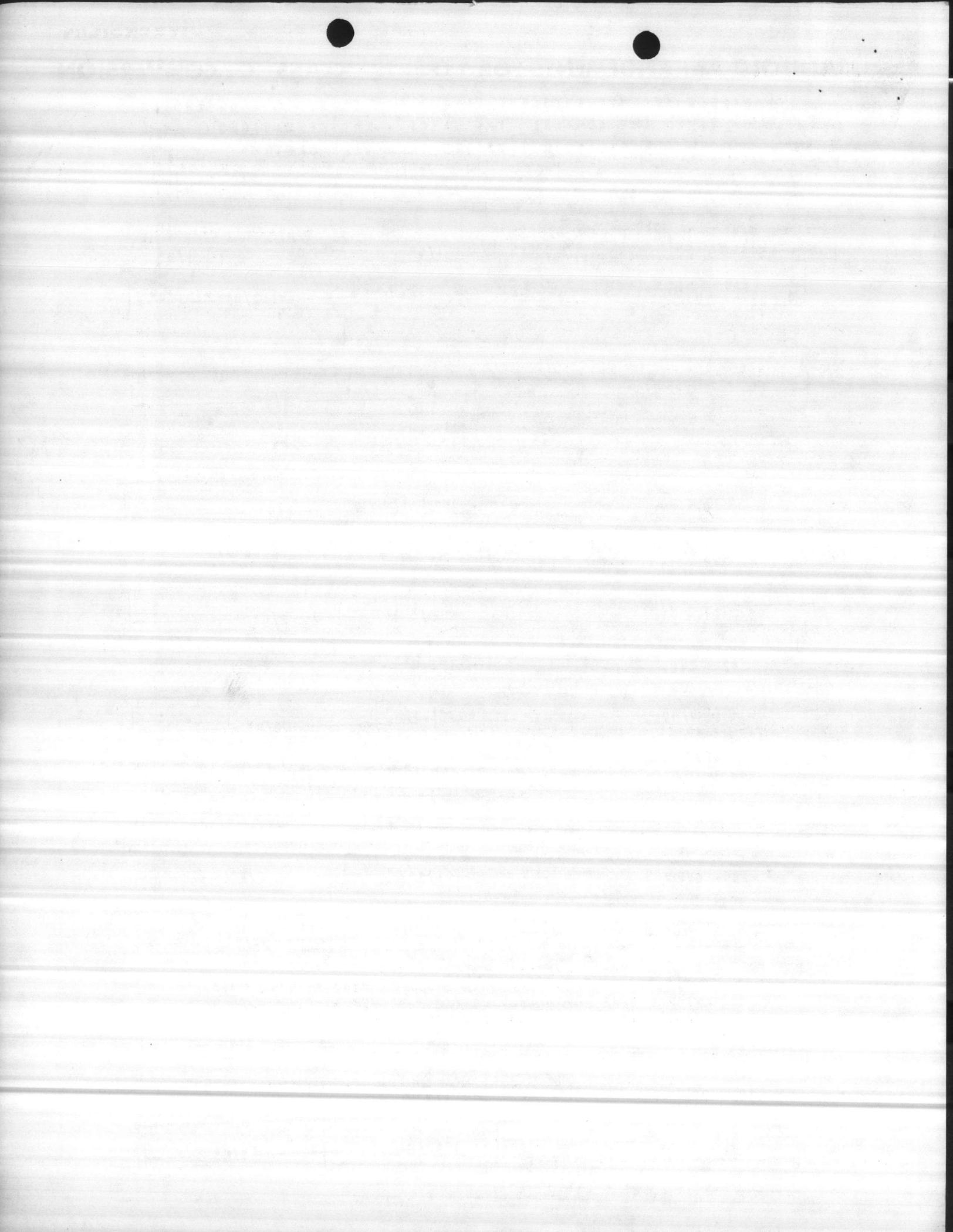
Kidde Part #934208
 Federal Stock
 #G4210-494-2501

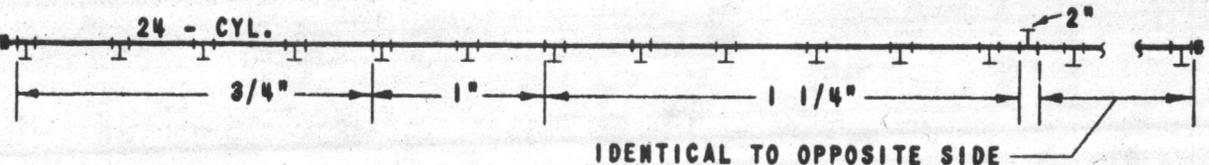
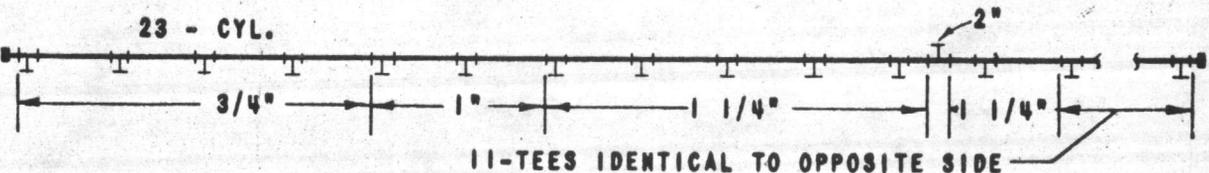
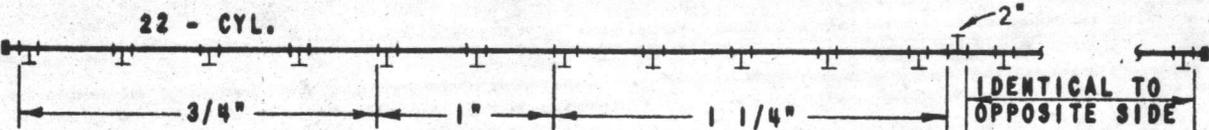
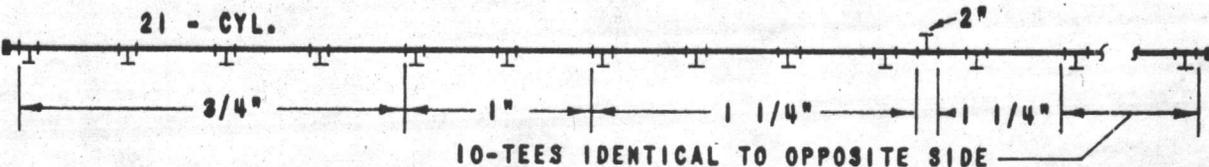
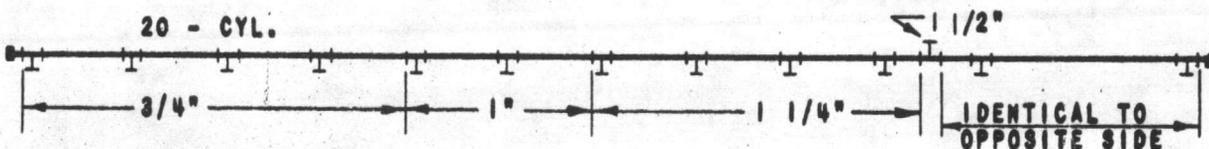
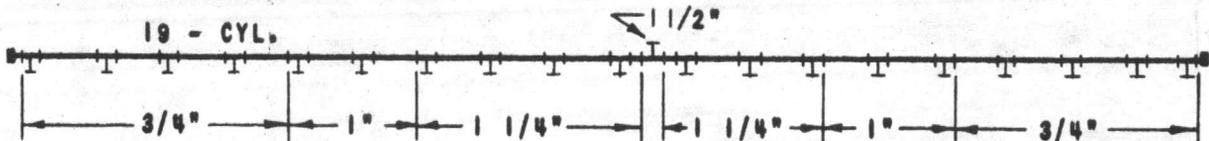
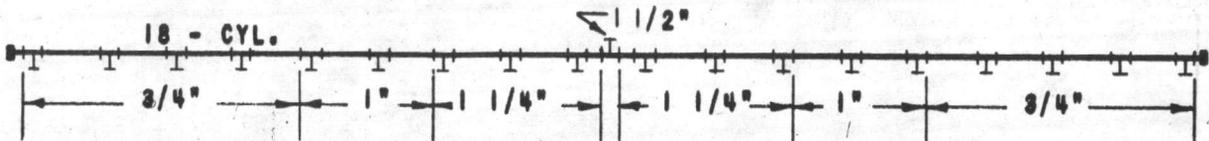
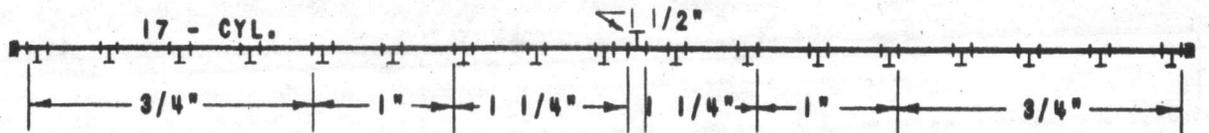


MANIFOLD ARRANGEMENTS FOR TYPE I, CLASS C CONVERSION

MANIFOLD ARRANGEMENTS FOR TYPE "I" - CLASS "C" CONVERSION
SIZES ARE NOMINAL PIPE SIZES - NOT DIMENSIONS
ALL CYLINDER TEES ARE ON 9 1/2" CENTERS

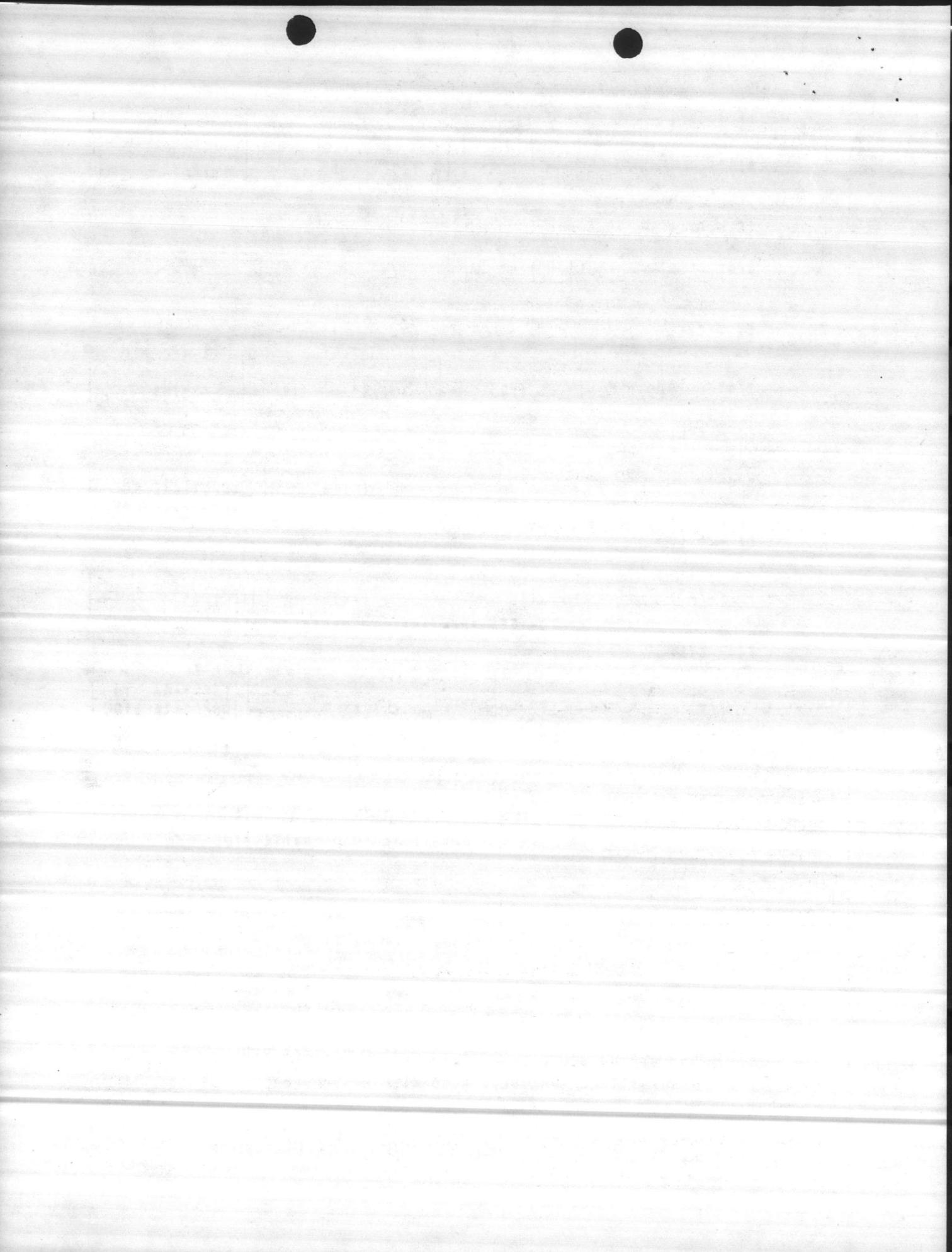






WHEN THE CONVERSION IS COMPLETED, THE CYLINDER VALVES AND SYPHON TUBES, FROM THE ORIGINAL CYLINDERS, AND ALL GEAR FOR OPERATING THESE VALVES WILL BE SURPLUS. THE ORIGINAL MANIFOLDS ALSO WILL BE SURPLUS.

SEE BACK PAGE FOR CYLINDER ARRANGEMENTS



Material Required to Convert ONE-CYLINDER FIXED SYSTEM

ITEM	QUANTITY	KIDDE PT. NO.	FEDERAL STOCK NO.
CYLINDER VALVE	1/CYL	981372	G4210-396-1583
*50 LB. CYL. SYPHON TUBE (NOT SHOWN)	1/CYL	33027	G4210-494-2532
DISCHARGE HEAD—PLAIN NUT TYPE	1/CYL	979463	G4210-494-2521
CYLINDER VALVE REMOTE CONTROL MECHANISM	1	979469	G4210-396-1582
SWIVEL ADAPTER	1	934208	G4210-494-2501

*NOTE: IF 35# CYLINDER IS USED, ORDER SYPHON TUBE, KIDDE PT. NO. 33457
FEDERAL STOCK NO. G4210-494-2533

Material Required to Convert TWO-CYLINDER FIXED SYSTEM

ITEM	QUANTITY	KIDDE PT. NO.	FEDERAL STOCK NO.
CYLINDER VALVE	1/CYL	981372	G4210-396-1583
*50 LB. CYL. SYPHON TUBE (NOT SHOWN)	1/CYL	33027	G4210-494-2532
DISCHARGE HEAD—PLAIN NUT TYPE	1/CYL	979463	G4210-494-2521
CYLINDER VALVE REMOTE CONTROL MECHANISM	1	979469	G4210-396-1582
Y-FITTING	1	66835	G4210-494-2558
FLEXIBLE LOOP	2	966917	G4210-494-2527

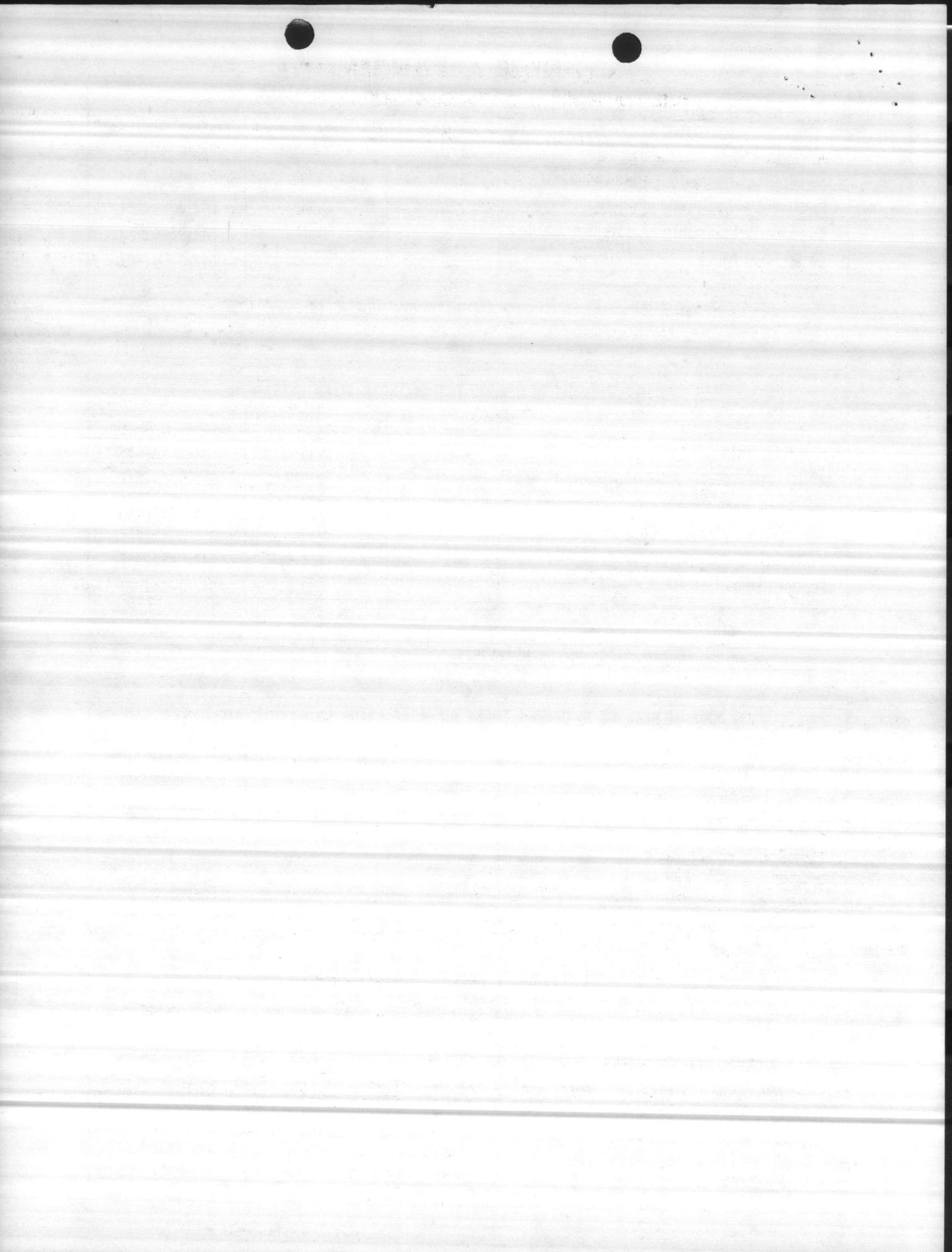
*NOTE: IF 35# CYLINDERS ARE USED, ORDER SYPHON TUBE, KIDDE PT. NO. 33457
FEDERAL STOCK NO. G4210-494-2533

Material Required to Convert THREE OR MORE CYLINDER FIXED SYSTEM

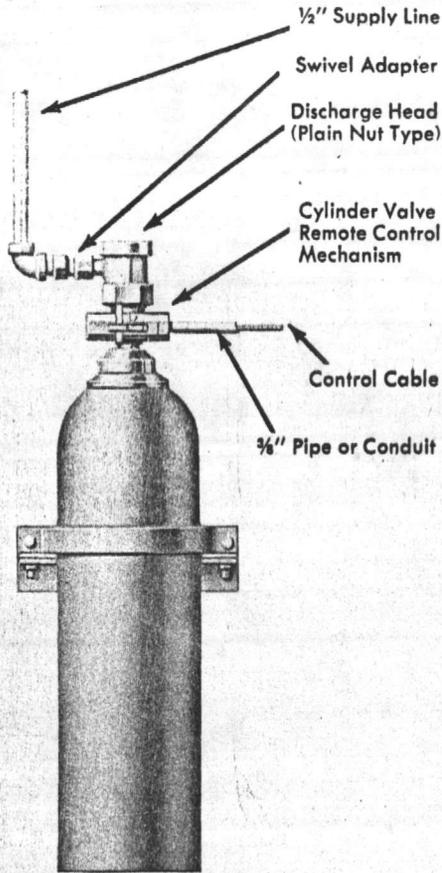
ITEM	QUANTITY	KIDDE PT. NO.	FEDERAL STOCK NO.
CYLINDER VALVE	1/CYL	981372	G4210-396-1583
50 LB. SYPHON TUBE (NOT SHOWN)	1/CYL	33027	G4210-494-2532
DISCHARGE HEAD—PLAIN NUT TYPE	1/CYL	979463	G4210-494-2521
CYLINDER VALVE REMOTE CONTROL MECHANISM	2/ ^{PROTECTED SPACE}	979469	G4210-396-1582
FLEXIBLE LOOP	1/CYL	966917	G4210-494-2527
CYLINDER MANIFOLD			

Material Required to Convert HOSE REEL SYSTEM

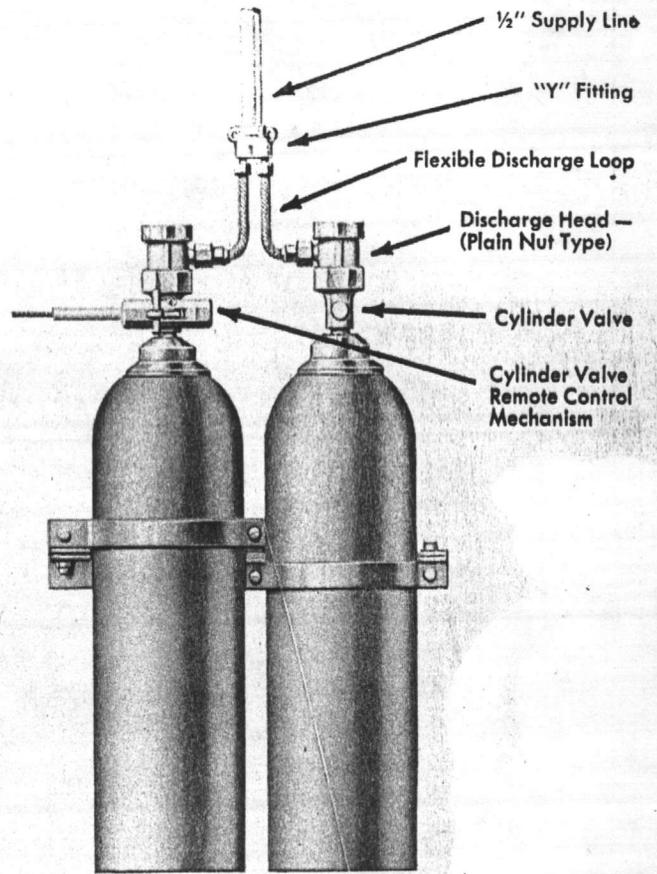
ITEM	QUANTITY	KIDDE PT. NO.	FEDERAL STOCK NO.
CYLINDER VALVE	1/CYL	981372	G4210-396-1583
50 LB. SYPHON TUBE (NOT SHOWN)	1/CYL	33027	G4210-494-2532
DISCHARGE HEAD—GROOVED NUT TYPE	1/CYL	979468	G4210-494-2520
FLEXIBLE LOOP	1/CYL	966917	G4210-494-2527
CYLINDER VALVE LOCAL CONTROL MECHANISM	1/CYL	870652	G4210-494-2510
Y-FITTING	1	66835	G4210-494-2558



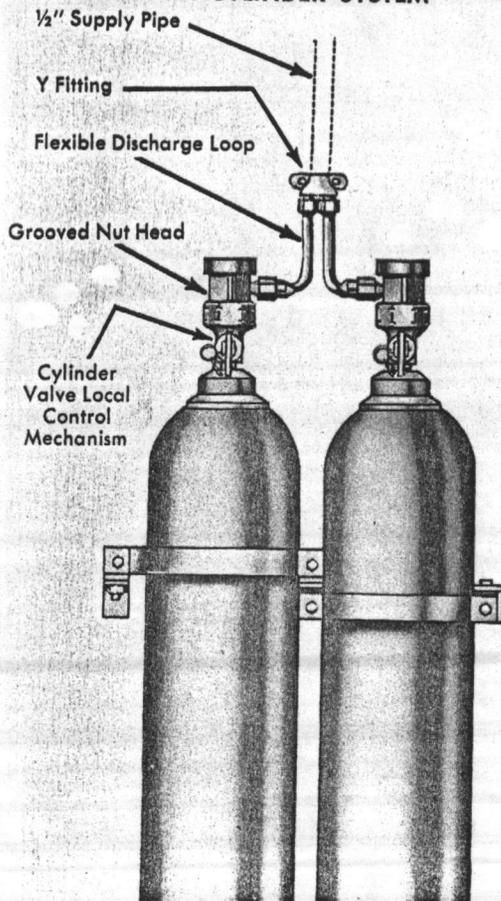
CYLINDER ARRANGEMENTS



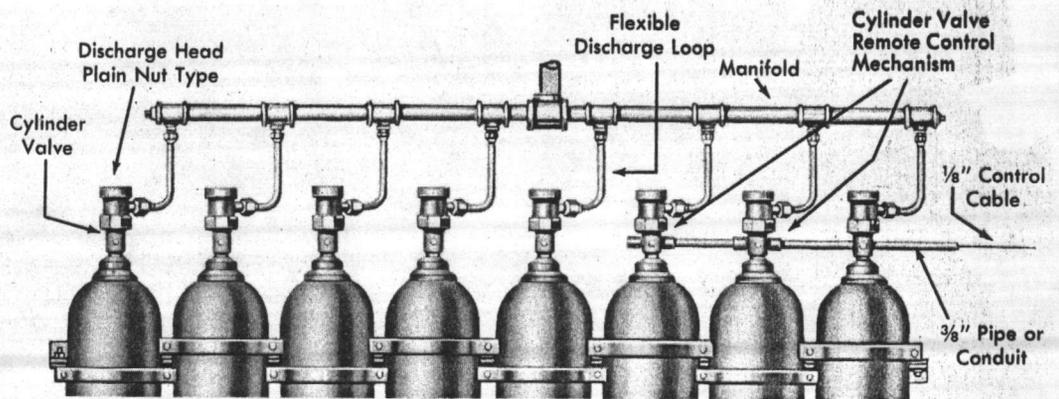
1-CYLINDER SYSTEM



2-CYLINDER SYSTEM



HOSE REEL



3 OR MORE CYLINDER SYSTEM

