

CYLINDER TUCKS WITH BUILT-IN FIRE WALL & LIFTING EYE CYLINDER BAG & CARRIER (tote)

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LIFTING EYE SERIES

THE PURPOSE OF A FIREWALL TRUCK:

The ANTHONY Firewall Series is designed to restrict a flame generated from one acetylene or other welding fuel gas cylinder placed adjacent to one oxygen cylinder on the same truck. The center baffle partition performs this function. The purpose of the center partition is to restrict a flame generated by the acetylene or other welding grade fuel gas cylinder from heating the adjacent oxygen cylinder contents to such an extent that it causes expansion of the oxygen cylinder contents, which increases the PSI level higher than the D.O.T. prescribed safe pressure level. Should the oxygen cylinder contents be expanded beyond the D.O.T. safe level, the expanded contents could activate the safety control burst disc, which would then allow oxygen to be added to the fuel-gas cylinder generated flame, causing a more intense or expanded flames.

HOW ANTHONY BUILDS ITS FIRE WALLS:

Current Federal OSHA interpretations regarding firewall regulations state that a single 1/4" steel plate is insufficient as a fire wall, because it cannot protect the oxygen cylinder from excessive radiant heat emanating through the 1/4" steel plate for 30 minutes. ANTHONY agrees with the OSHA assessment of a firewall. For this reason, ANTHONY developed the Firewall Baffle Partition, comprising of three separate baffles which create two exhaust vents at the top, and two intakes at the

bottom. This allows the heat generated from the welding grade fuel gas flame of one cylinder to draw ambient air in from below, which drives the heated air up through the top vents. Thus, the heat transfer to the oxygen cylinder on an ANTHONY Firewall Cart, is minimal, because the baffle design directs the heat upward. This substantially reduces the possibility that heat from the acetylene or other welding grade fuel gas will radiate through the steel firewall baffle plates such that it reaches the oxygen cylinder and raises the oxygen contents above D.O.T. safety level.

REMEMBER:

OSHA 1910.253 (b) (4) (i) Oxygen cylinders shall not be stored near highly combustibles material, especially oil and grease; or near reserve stocks of carbide and acetylene or other fuel-gas cylinders, or near any other substance likely to cause or accelerate fire; or in an acetylene generator compartment.

OSHA, 1910.253 (b) (4) (iii) Oxygen cylinders in storage shall be separated from fuel-gas cylinders or combustible materials (especially oil or grease), a minimum distance of 20 feet (6.1m) or by a noncombustible barrier at least 5 feet (1.5 m) high having a fire-resistance rating of at least one-half hour.

OSHA 1910.253 (5) (ii) (A) When transporting cylinders by a crane or derrick, a cradle, boat, or suitable platform shall be used. Slings or electric magnets shall not be used for this purpose. (See BoaGrip Sling page for Exception.)

OSHA 1910.253 (b) (5) (ii) (D) Unless cylinders are secured on a special truck, regulators shall be removed and valve protection caps, when provided for, shall be put in place before cylinders are moved.

NAPA 51 2-4.3 Oxygen cylinders in storage shall be separated from fuel gas cylinders or combustible materials (especially oil or grease) by a minimum distance of 20 ft. (6 m) or by a barrier of noncombustible material at least 5 ft. (1.5 m) high having a fire-resistance rating of at least 1/2 hour. The barrier shall interrupt all lines of sight between oxygen and fuel gas cylinders within 20 ft. of each other.

FIREWALL & LIFTING EYE SERIES (8 TO 1 LIFTING RATIO)

244 TO 330 CU.FT. (LARGE) OXYGEN & 210 TO 420 CU.FT. (LARGE) ACET. OR 100 LB. PROPANE/MAPP CYLINDERS

2 TYPES OF CYLINDER HOLD BANDS: FOR ACETYLENE OR PROPANE CYLS.

BUILT IN LIFTING EYE

EXCLUSIVE TRIPLE FIREWALL BAFFLE PARTITION.

LARGE SLOTTED LOCKING TOOL BOX. (FOR LOCKING AWAY TORCHES & REGULATORS WHEN NOT IN USE)



WHEEL TYPE:

24" x 2.00" STEEL (BB)
HEIGHT: 60", WIDTH: 35" (O.D.)
WEIGHT: 166 lbs.

No. 94LFW-24 For Large OXY & ACET. Cyls
\$1,270.00 EA

No. 94LFW-24L For Large OXY, ACET., & PROPANE/MAPP Cyls
\$1,295.00 EA

WHEEL TYPE:

16" x 4.00" SOLID RUBBER (BB)
HEIGHT: 60", WIDTH: 37" (O.D.)
WEIGHT: 178 lbs.

No. 94LFW-16S
For Large OXY & ACET CYLS
\$1,225.00 EA

No. 94LFW-16SL For Large OXY & PROPANE/MAPP CYLS
\$1,250.00 EA

Gas Cylinder Handling Bag 350 Pound Capacity

(GCHB) NAVSEA has authorized the use of a gas cylinder-handling bag in an effort to help reduce injuries associated with the movement of gas cylinders. With these handling bags, four men can transfer a heavy cylinder with ease. It is adjustable to cylinder sizes from 9 inches through 14 inches in diameter and can handle cylinders in the horizontal or vertical position. Reference NAVSEA Drawing 803-5959260. Color is red with black straps: PMS coverage for this bag, PMS MIP 5736/001 R-3

Resists acids, chemicals, saltwater corrosion, mold, and mildew, and it floats!

Part # 5959269-02R



\$1,395.00 EA



No. 84LFW-16S

Use to hold a large oxygen & medium acetylene cylinders

WHEEL TYPE:
16" x 4.00" SOLID RUBBER (BB)

\$1,195.00 EA

HEIGHT: 60",
WIDTH: 34" (O.D.)
WEIGHT: 163 lbs.

SINGLE CYLINDER CARRIER

Part No. NESCO1 \$89.95 EA

Cylinders Can Be Moved Easily

- Across Railroad Tracks.
- On Stairs, Ramps and Gangways.
- Through Mud, Sand and Snow.

Cylinder Tote Designed For Safety

Easy to Attach: Economical;
Quick and Secure; Sturdy;
Safe Two Man Operation



Wt. 1.5 lbs.

TANDEM CART

WHEEL TYPE: 10" x 1.75" Semi-Pneu. (BB)
HEIGHT: 42", WIDTH: 16" (O.D.)
WEIGHT: 34 lbs.

CONTINUOUS HANDLE (NOT A LIFTING SERIES) No. 45T \$275.00 EA

Built to move (1) 80 to 150 cu.ft. oxygen and (1) 75 cu.ft. acetylene or (2) cylinders no greater than 2ea 8" inch diameter In and out of narrow places.

Load cylinders separately, from front and rear, and are secured with placement bands for safe positive cylinder containment.

