

(John Jay File)

Monsanto

FROM NAME: Tony Ozarchuk - Texas City, Texas

DATE: July 29, 1968

SUBJECT: Inspection Sheets -- Inspection
of Safety Equipment

REFERENCE:

TO: C. L. Gilmore



Canister and Bottled Air Type Gas Masks

These masks are thoroughly inspected semiannually and maintained in all units of the plant in cases sealed with lead wire seals. An inspection card is mounted in the sealed case which shows the date of inspection and the signature of the inspector making the inspection. In the event a seal is broken inadvertently or intentionally, the gas mask is taken to the Safety Supply room for a thorough check and inspection before being replaced in the unit. After a gas mask is used, it is thoroughly washed and sterilized, any worn parts are replaced and thoroughly checked before being placed in the unit. In all cases whenever a seal is broken on a gas mask case, the mask is thoroughly checked and the information as to date of inspection and by whom is placed on the record card before the case is resealed.

Airline Respirators

These masks are used primarily in Departments 18, VCM, and 31. A supply of this type mask is maintained in special cabinets in these units and as these respirators are used, they are placed in a used mask container in the unit. These respirators are picked up by the Safety inspector, taken to Safety Supply; and are washed, sterilized, and inspected for worn or damaged parts. The final inspection on this type mask is made by the Safety inspector prior to being placed in sealed plastic bags and delivered back to the unit's gas mask cabinet.

HCN Sample Masks

These masks are used in Departments 19 & 20 and the same procedures are followed as with the airline respirators.

Safety Showers and Eye Baths

Visual inspection of safety showers and eye baths are made by the Safety inspectors on trips to their inspection units to make atmospheric tests and in conjunction with their safety sampling program and other area visits.

July 29, 1968

Dust and Chemical Cartridge Respirators

These type respirators are issued to individual employees for specific jobs from the Safety Supply room. Upon completion of the job, respirators are returned to the Safety Supply room where they are disassembled and new filters installed. These respirators are then placed in plastic containers and are ready for reissue.

Atmospheric Testing Equipment

The Davis Explosimeters are checked each morning in a flammable vapor to be sure that the instrument is working. Once each week the instruments are checked with a special kit in a two per cent methane-air mixture for accuracy.

The instruments used to check for oxygen-deficient areas are checked weekly on the nitrogen stream in Department 17.

Tony Ozarchuk
(wa)
Tony Ozarchuk

TO/wa

C O P Y

G. Osterman

Texas City, Texas

July 16, 1968

A. J. Bolton
E. L. Haile
C. L. Gilmore

~~Edison/White~~

Tony

~~Fox~~

to me by 7/30

The Plant Manager's Safety Board is reviewing the procedures for Safety Inspection. As part of this review, I would like to have copies of any inspection sheets that you currently use to control the inspection of safety equipment.

Gil

I need these sheets by August 1.

Our Equipment.

G. Osterman

GO:lrt

(John Fox #16)

COST STUDY

ORGANIC VAPOR RESPIRATORS

Increased usage of organic vapor respirators has created growing demands on supplies and labor along with increasing cost. Newly developed equipment has become available which will fulfill our needs with a minimum amount of labor, supplies and drive down cost.

Our present Comfo II organic vapor respirators are used for one 8-hour shift and then exchanged. These used respirators are collected and prepared for re-use. This preparation involves complete disassembly; washing with cleaning agents; drying; replacing cartridges; inspecting by a safety inspector, re-assembling, sterilizing and sealing in a plastic bag. This tedious process is necessary to insure that the respirator is safe and efficient for use.

A newly developed "one-way" or disposable respirator is now available. The unit is the 3M #8712 organic vapor respirator. The respirator would provide the same protection as the Comfo II.

The results of a study of our in-plant usage has provided evidence that by using the new disposable masks we would benefit in an annual savings of \$2800. The attached chart outlines costs comparisons.



David G. Williams

DGW/sh

February 28, 1978

APPENDIX I
COST STUDY CHART

The 3 M organic vapor respirator #8712 ea. \$4.58

Comfo II ea w/out cartridge	\$8.85
(2) Comfo II cartridges (two required)	<u>3.40</u>
Comfo II unit complete	\$12.25

ACTUAL COST COMFO II

(Cost at present annual consumption rate)

Comfo II units used per year	=	4,212	
Total cartridge cost	\$14,321		
Unrecovered (lost) masks	<u>3,950</u>		
Total cost per year	\$18,271	or \$4.34 each	

Additional costs		
Cost per Comfo II unit	\$4.34	
Labor to clean, sterilize, etc.	.89	
Supplies (detergent, alcohol, plastic bags, etc.) estimated	<u>.02</u>	
Actual cost of Comfo II	\$5.25	
		\$5.25

Savings per unit using 3M #8712 .67

Annual Savings using 3M 8712 \$2,822.00

Since an annual savings would be realized by using the 3M 8712 organic vapor respirator, it is strongly recommended that we provide them for usage at our plant.

Monsanto

(John Sex 3/6/78)

Tony Ozarchuk - LPO - Texas City, Texas

March 6, 1978

Louis Decker
J. A. Glass/J. E. Clark

✓ Respiratory Equipment

TO : Gerald Osterman - Port Plastics

Dear Gerry:

This is in reply to your recent telephone request to Louis Decker for information on respiratory equipment, and our procedures on this equipment.

I am enclosing several xerox copies of manufacturers' information and a copy of our Procedure Bulletin, P-0130, "Respiratory Life Support Systems." The small portable plastic packaging machine, Sealmaster Model 420-A, which we use after cleaning and inspecting our masks, is available from Packaging Aids Corporation, 370 Brannan Street, San Francisco, California 94107, telephone 415-362-9202.

If you need any additional information, please let us know. Best personal regards.


Tony Ozarchuk

T0/sh

Enclosures