4/4/86

History of Breathing Air System

- Original Breathing Air Header was installed late 1970 – served Plant West of Pilot Plant. This was a separate Header from Plant Air Compressors.
- System extended to East Plant in 1978 this included:
  - Docks 1,2,3,4,5
  - SM Plant
  - Sand Blast Area
  - Ammonia Tank
  - S-22 Storage Tanks
  - Misc Areas in East Plant
- Memo April 28, 1978 stated "System not monitored for Potential Toxic Materials"
- Analyzers installed on system installed in late 1979 (Project Approved 9/28/79)
- Latest Breathing Air System was started up in 1981 (Approved 2/27/81). Problem late in year. This system is a seperate system that meets OSHA & DMEM guidelines.

W.A. Latimer

PLAINTIFF'S EXHIBIT
tabbies
MON-219

[illegible]	[illegible]	[illegible]	[illegible]	
- 179	[illegible]	509 - [illegible]	[illegible]	
[illegible] - 411	572 - 366	366 - [illegible]	[illegible]	486
[illegible] - 403	380 - [illegible]	523 - 180	1318	1186
[illegible] - 451	258 - 238	492 - 787	874	713
33 - 289	292 - 111	893 - 307	821	482
42 - 751	415 - 346	491 - 236	812	[illegible]
54 - 397	494 - 181	552 506	2507	1482
15 - 299	350 - 255	4315 3582	713	314
446 - 885	546 - 457	629 - 217	924	355
477 - 538	493 - 976	702 - 1,826	5454	3377
431 - 173	467 - 434	552 - 263		
516 5,124	5,022 4,130	423 - 179		
		6,621 6,067		

Airline Respirators
Comfo & Dustfoe Respirators

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1-325	487-334	
5-216	509-937	
2-366	366-281	1310-1186
10-225	523-101	
65 59 29-117	492-787	
292-111	893-307	2507-1482
192-1421 FF COMFO	3272-2840	3817-2668
3613	6117	6485

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Monsanto

FROM (NAME & LOCATION) J. E. Fox, LP&S, Texas City

DATE April 28, 1978 984

SUBJECT Industrial Hygiene Bulletin "Breathing Air Quality Criteria"- Number 78-5

REFERENCE Your memo of 3/3/78

TO : J. F. Carlisle OA-4

cc:
R. Buy OA-4
J. B. Cook 0-13
G. A. Danner 0-8
W. C. Fuller 0-11
W. R. Furley OA-4
J. A. Glass 0-22
F. E. Grissom OA-5
G. Lunsford 0-21
M. McCullough 0-12
W. L. Riddick 1Z
G. L. Stacy 0-11
SHAC
Central Files

As per your request, I have compared the subject DMEH bulletin on "Breathing Air Quality" with the present West plant system to see if we meet the criteria. Although I am not totally familiar with the West plant system, I have noted a number of differences between what we have and what the DMEH bulletin recommends for compliance with the regulatory agencies involved with breathing air quality.

1. The bulletin stresses that all breathing air should be isolated from other air systems. There should be no potential for cross connections. As you know, our system is a dual system which separates breathing air from plant air just downstream of the compressor.

2. Our breathing air system is equipped with a high temperature alarm, but it does not, as recommended, have a automatic shutdown feature.

3. The relative humidity of our breathing air is much less than the recommended minimum of 12%.

4. Presently our system is not monitored for potential toxic materials. A monitored system to meet this requirement has been in the development stages for more than a year. Process Technology indicated that the system should be installed within one month.

In talking with Jim Cook, I understand that an engineering study is also in progress by Charlie Hill to determine what is needed to upgrade our present system.

John E. Fox

gr

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	A 79	B	A 80	B	A 81	B	A 82	B
JAN.	410	3[illegible]	4[illegible]	3[illegible]5	489	339	484	536
FEB.	338	179	26[illegible]	216	509	937	406	16[illegible]
MAR	480	411	572	366	366	281	420	486
APR	440	403	380	225	523	180	1318	1186
MAY	450	451	258	238	492	787	874	713
JUN	533	289	292	111	893	307	821	482
JUL	442	751	415	346	491	236	812	28[illegible]
AUG	654	397	494	181	552	506	2507	1482
SEP	415	299	350	255	4315	3582	713	314
OCT	446	885	546	457	629	217	924	355
NOV	477	538	493	976	702	1,826	5454	3377
DEC	431	173	467	434	552	263		
	5516	5124	5,022	4,130	423	179		
					6,621	6,067		

A. Airline Respirators
B Comfo & Dustfoe Respirators

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	79'	80'	81'	82'
JAN.	410 - [illegible]	[illegible] - 325	489 - 339	484 - 53[illegible]
FEB.	338 - 179	2[illegible] - 216	509 - 937	4[illegible]6 - 16
MAR	480 - 411	572 - 366	366 - 281	420 - 48[illegible]
APR	440 - 403	380 - [illegible]	523 - 180	874 - 71
MAY	450 - 451	258 - 238	492 - 787	821 42
JUN	533 - 289	292 - 111	893 - 307	812 28
JUL	442 - 751	415 - 346	491 - 236	713 31
AUG	654 - 397	494 - 181	552 506	924 35
SEP	415 - 299	350 - 255	629 - 217	
OCT	446 - 885	546 - 457	702 - 1,826	
NOV	477 - 538	493 - 976	552 - 263	
DEC	431 - 173	467 - 434	423 - 179	
	5,516 5,124	5,022 4,130	6,621 6,067	

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MASKS CLEANED

	'80	'81	'82
JAN.	490 - 325	489 - 334	
FEB	265 - 216	509 - 357	
MAR	572 - 366	366 - 281	1310 - 1186
APR	380 - 225	523 - 101	
MAY	129 - 113 (64 / 59)	492 - 787	
JUN	292 - 111	893 - 307	2507 - 1482
	2192 - 1421 F.F. COMFO	3272 - 2840	3817 - 2668
	3613	6112	6485

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COVERALLS

	IN	NEW	ORDER	
34S	5		5	10
34R	-0-		8	8
36R	21	49	-0-	70
38	55	26	25	106
40	69	28	15	112
42	56	49	50	155
44	66	70	10	146
46	27	39	10	76
48	36	32		68
50	5	14		19
52	4	8		12
54	-0-	-0-		-0-
56	2	13		15
	346	328	123	797

	IN	NEW	ORDER	
38L	26	31		57
40	45	34		79
42	75	15	15	105
44	32	40	15	87
46	18	17	20	55
48	20	25		45
50	2	37		39
52	3	13		16
54				-0-
	221	212	50	483

797
482
1280

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Monsanto

Vernon Fields - 513D

April 2, 1979

Full Face Masks

cc G. A. Danner
J. A. Glass
G. Lunsford
B. G. Wooley

TO : Rex G. McDonnell, Jr.

Department 513 personnel were tested for proper fit and proper use of the ~~full~~ face piece masks.

Name	
Bill Wooley	3/23/79
Vernon Fields	3/23/79
Billy Casey	3/23/79
M. Muir	3/23/79
Jim Goodwin	3/23/79
Jack Atwood	3/23/79
B. Fortenberry	3/26/79
C. R. Achterhof	3/26/79
H. R. Pickens	3/26/79
Harry Guss, Jr.	3/26/79
E. V. Padgett	3/26/79
Roy Reeves	3/26/79
Patsy Frye	3/27/79
J. D. Hutchison	3/28/79
W. N. Glass	3/29/79
M. R. Kerry	3/30/79
Sam Millstid	4/2/79

Vernon Fields mv

mv

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RESPIRATORY DEVICES AND GUIDE TO SELECTION

(To Be Used In Conjunction With Respiratory Protection Program, Procedure Bulletin P-0130)

1. Introduction

Following are listed the various types of devices currently in use in the plant. Any new applications should be carefully considered and selection should be as a result of department supervision and Loss Prevention and Safety Department consultation. A guide to selection is included.

A. Self Contained Breathing Apparatus

(1) Airline Respirators. Full-face and half-face masks provide protection for those who must work for prolonged periods in harmful or objectionable atmospheres. They are not intended for use in atmospheres immediately dangerous to life or from which the wearer could not escape without respiratory protection.

(2) Scott Air Pak - Intended for short-term emergency work in contaminated atmospheres. Full face mask with a cylinder of compressed air approved for one hour of continuous use when the cylinder is fully charged to 1980 ~~psi~~ 2216. Safely used in any atmosphere except that which irritates or poisons through the skin such as HCN, concentrated ammonia, ACY, etc. For the latter applications, it can be used in conjunction with vapor proof suit, for short-term emergency work in the contaminated atmosphere.

(3) ~~Lear Seigler~~ ROBERT SHAW Escape Mask. Mask is equipped with a small container of compressed air which will provide a five minute supply of breathing air. Because of the limited breathing air provided, use is limited to escape from contaminated atmospheres only.

B. Canister Type Masks.

~~Three~~ 2 types, listed below, are commonly used and are available from Safety Supply. The canister contains a substance which either absorbs the harmful gas or vapor, or changes it into something which is relatively harmless. ~~All canisters are limited to maximum harmful substance concentrations of 2% by volume in air except the GMI which is good for a maximum of 1% by volume in air.~~

ALL CANISTERS SHOULD BE LIMITED TO USE IN ATMOSPHERES CONTAINING AT LEAST 19.5% OXYGEN AND LESS THAN ½% VAPORS BY VOLUME.

Type	Color Canister	
~~(1) GMK~~	~~White, green stripe~~	~~Hydrocyanic acid gas (Dept. 19 working mask)~~
~~(2)~~ (1) GML	White, ~~yellow & grey~~ ORANGE stripe	~~Mercury vapor; toxic dust; chlorine.~~ CHLORINE AND DUST AND MIST Max. of 1% by volume.
~~(3)~~ (2) GMA ~~Type "N" Model SW~~	~~Red~~ BLACK, ORANGE STRIPE	ORGANIC VAPORS AND DUST AND MIST Acid gasses, ~~ammonia, carbon monoxide, organic vapors, hydrocyanic acid, and chlorine~~ MAX. OF 1/2% BY VOL.

(2)

C. Cartridge Type Respirators

A cartridge type respirator is worn generally when there is a possibility of exposure to a very light concentration (1/10% max.) of a harmful or irritating vapor. As in the case of canister-type masks, there are various kinds of respirator cartridges for various exposures. The cartridges contain the same material that is found in the canisters. "~~Comflo~~" COMFO Respirators are presently in use in the plant. The cartridges are type GMA Organic Vapors and should be limited to use in atmospheres containing at least 19.5% oxygen and less than 1/10% organic vapors by volume.

D. Dust Respirators

A mechanical filter instead of a cartridge is used when exposure is to a dust which is irritating to the nose or throat or which may cause trouble in the bronchial tubes or lungs. The filter inserts may be replaced as they become clogged and restrict breathing.

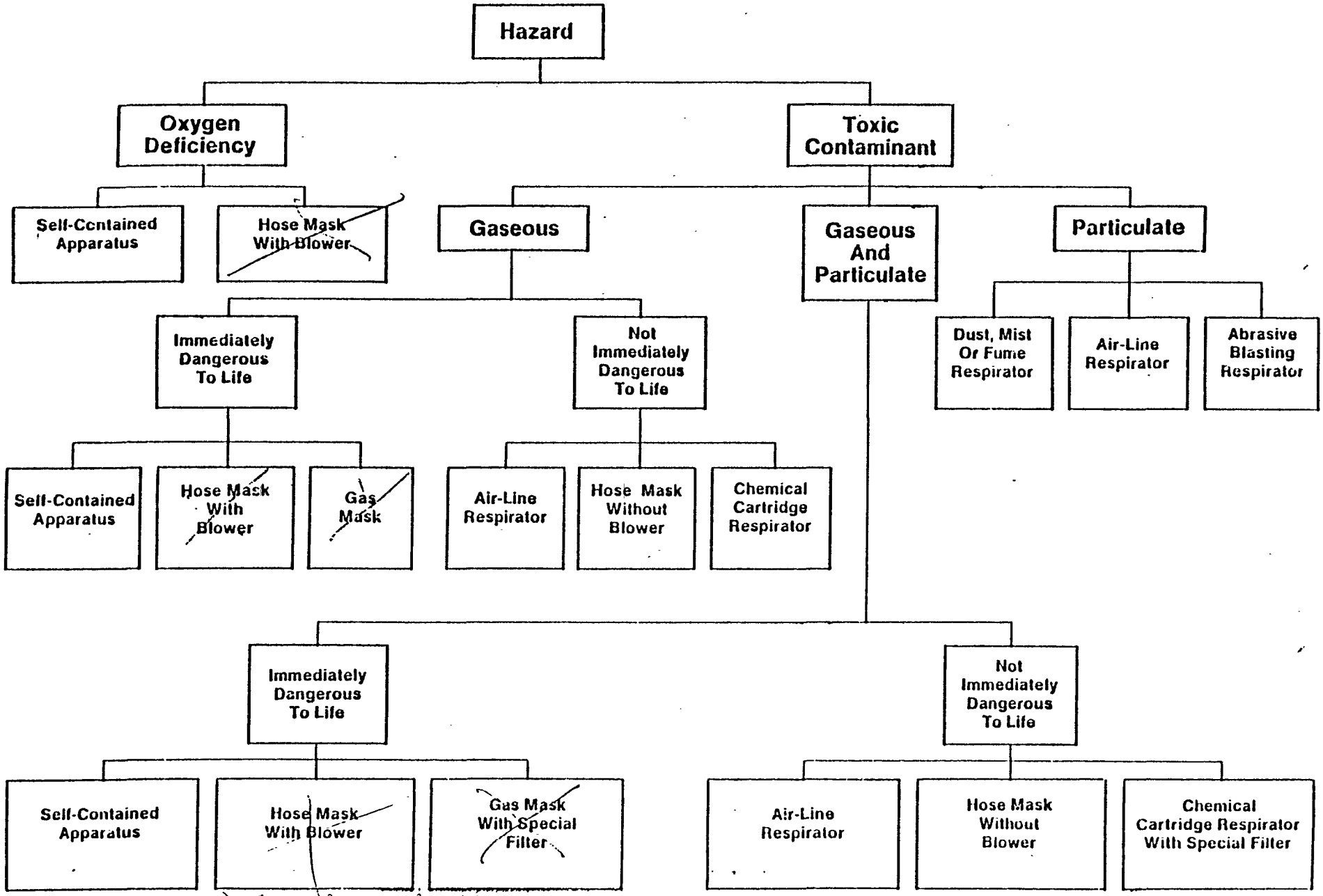
E. Cloth Respirators

Use is limited to "nuisance" dusts, such as floor sweepings and do not have approval for protection against harmful dusts.

2. Guide To Selection

Selection of equipment to provide respiratory protection should be made as a result of consultation bewteen department supervision and Loss Prevention and Safety. Selection decisions should follow the logic diagram in Figure 1. Definition of terms used on this diagram are given in Table 1. Terminology of function and application are given in Table 2. The Guide for the Selection of Respirators is given in Table 3. Maximum use concentrations are provided in Table 4

PPT


Hazard
Oxygen Deficiency
Toxic Contaminant
Self-Contained Apparatus
Hose Mask With Blower
Gaseous
Gaseous And Particulate
Particulate
Immediately Dangerous To Life
Not Immediately Dangerous To Life
Dust, Mist Or Fume Respirator
Air-Line Respirator
Abrasive Blasting Respirator
Self-Contained Apparatus
Hose Mask With Blower
Gas Mask
Air-Line Respirator
Hose Mask Without Blower
Chemical Cartridge Respirator
Immediately Dangerous To Life
Not Immediately Dangerous To Life
Self-Contained Apparatus
Hose Mask With Blower
Gas Mask With Special Filter
Air-Line Respirator
Hose Mask Without Blower
Chemical Cartridge Respirator With Special Filter

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GAS MASK NUMBER, TYPE AND LOCATION

NUMBER	TYPE	LOCATION
		Dept. 10
AS-1	All Service	Outside on south wall on control house
AS-2	All Service	Outside on north wall on control house
AS-3	All Service	Middle of compressor house, west wall
SC-1	Scott Air-Pak	Inside control house on west wall
		Departments 13 & 14
SC-2	Scott Air-Pak	East outside wall of supervisors office.
SC-3	Scott Air-Pak	East outside wall of old Dept. 2-3 control house
SC-4	Scott Air-Pak	Inside southeast door of control house
SC-5	Scott Air-Pak	Inside southeast door of control house
AS-4	All Service	Outside on south wall of control house
AC-2 ea.	Air Capsules	Inside southeast door of control house
AC-1 ea	Air Capsule	Top of 13K101
AC-1 ea	Air Capsule	Top of 13V101
		Departments 15 & 16
SC-37	Scott Air-Pak	Outside north wall of analyzer room
SC-6	Scott Air-Pak	Inside south wall of salt water pump house
AC-1 ea	Air Capsule	Inside on westwall of salt water pump house kitchen
AC-1 ea	Air Capsule	Inside on east wall of stripper bldg.
AC-1 ea	Air Capsule	Second deck on handrail of 15R1-1
AC-1 ea	Air Capsule	Top deck on handrail of 15R1-1

NUMBER	TYPE	LOCATION
		Sand Lot
AC-2 ea	Air Capsules	Inside printers shack
		Dept. 513
SC-50	Scott Air-Pak	Inside Conference Room
SC-51	Scott Air-Pak	Inside Conference Room
SC-52	Scott Air-Pak	Inside Conference Room
SC-53	Scott Air-Pak	Inside control room on west wall
SC-54	Scott Air-Pak	Top of ammonia tank
SC-55	Scott Air-Pak	Inside control room on west wall
10 ea	Air Capsules	Inside control room
		Materials Handling
SC-7	Scott Air-Pak	East end of Dock 1 on handrail
SC-15	Scott Air-Pak	West side of AN Rack carloaders shack
SC-16	Scott Air-Pak	Inside Esters Rack carloaders shack
SC-17	Scott Air-Pak	Inside Esters Rack carloaders shack
AS-59	All Service	East end of AN Loading Rack
AS-60	All Service	West end of AN Loading Rack
AS-61	All Service	West side of AN rack carloaders shack
AS-62	All Service	Middle of Esters Loading Rack
AS-63	All Service	Middle of Esters Loading Rack
AS-107	All Service	ACY tank car rack
AC-6 ea	Air Capsules	Pumper gaugers room applications bldg.
		Pilot Plant
SC-9	Scott Air-Pak	Second floor on south wall
		Main Gate
SC-8	Scott Air-Pak	Inside guard office on south wall

NUMBER	TYPE	LOCATION
		Electricians
AC-3 ea	Air Capsules	In bucket truck CT-29
		Power 2
SC-40	Scott Air-Pak	East outside wall of operators shack
AC-20	All Service	Outside south of boiler house
		Dept. 24
SC-14	Scott Air-Pak	Inside control house on south wall
SC-56	Scott Air-Pak	Inside control house on south wall
AS-16	All Service	Inside control house near door
AS-17	All Service	East of 24-H-1
AS-18	All Service	On 24-H-1 stack west side
AC-4 ea	Air Capsules	Inside control house
		Control Lab
SC-11	Scott Air-Pak	First floor east end
AS-11	All Service	First floor east end
AS-12	All Service	First floor west end
AS-13	All Service	Second floor east wall
AS-14	All Service	Second floor west wall
AS-15	All Service	Inside east door of pollution lab
AC-1 ea	Air Capsule	Inside east door of pollution lab
AC-1 ea	Air Capsule	First floor east end
AC-1 ea	Air Capsule	Second floor west wall
AC-1 ea	Air Capsule	Second floor east wall
		Research 1
SC-13	Scott Air-Pak	First floor end of bldg.
AS-32	All Service	First floor east end of hall
AS-33	All Service	Second floor east end of hall

NUMBER	TYPE	LOCATION
AS-34	ALL Service	Second floor west end of hall
AS-35	All Service	Third floor west end of bldg.
		Research 2
SC-12	Scott Air-Pak	First floor near north door
SC-39	Scott Air-Pak	R.P.U. on north wall near west door
AS-25	All Service	R.P.U. Inside on west wall
AS-26	All Service	High pressure cells control room on south wall
AS-27	All Service	First floor west end of west wing
AS-28	All Service	First floor east end of west wing
AS-29	All Service	First floor east end of east wing
AS-30	All Service	Second floor west end of west wing
AS-31	All Service	Second floor east end of east wing
1 ea	HCN Mask	First floor east wing
AC-1 ea	Air Capsule	First floor east wing
AC-1 ea	Air Capsule	First floor west wing
		Departments 19, 25, 27, 29 Control House
SC-18	Scott Air-Pak	Inside control house near north door
SC-19	Scott Air-Pak	Inside control house near north door
SC-20	Scott Air-Pak	Inside control house near west door
SC-41	Scott Air-Pak	Control house safety equipment cabinet
SC-42	Scott Air-Pak	Control house safety equipment cabinet
SC-43	Scott Air-Pak	Control house safety equipment cabinet
AS-36	All Service	Control house near north door
AS-37	All Service	Control house near north door
AS-38	All Service	Control house safety equipment cabinet
AS-39	All Service	Control house safety equipment cabinet

NUMBER	TYPE	LOCATION
AS-40	All Service	Control house safety equipment cabinet
AS-41	All Service	Control house near west door
AS-42	All Service	Control house near west door
		Department 19 Pick-up Truck
SC-38	Scott Air-Pak	In cabinet in back of pick up
AS-5	All Service	In cabinet in back of pick up
AS-6	All Service	In cabinet in back of pick up
		Dept. 19
AS-50	All Service	Compressor house on west wall near door
AS-44	All Service	South end of structure ground level
AS-49	All Service	North end of structure ground level
AS-45	All Service	Second deck of structure east side
AS-46	All Service	Third deck of structure east side
AS-48	All Service	Second deck of reaction structure south end.
AS-74	All Service	Fourth deck of structure east side
AS-56	All Service	On west side of 19T10-3 firewall
		Dept. 25
AS-52	All Service	East side of structure ground level
AS-53	All Service	Second deck of structure west handrail
AS-54	All Service	Third deck of structure east handrail
		Dept. 27
AS-43	All Service	North end of structure ground level
		Dept. 29
AS-104	All Service	South end of structure ground level
AS-105	All Service	North end of structure ground level
AS-106	All Service	First deck of structure northwest handrail

NUMBER	TYPE	LOCATION
AS-107	All Service	Second deck of structure east handrail
AS-108	All Service	Third deck of structure east handrail
AS-110	All Service	ACY storage at north 68

Monsanto

F. H. Dupre

February 14, 1977

SUBJECT: Respirator Testing & Training Facility

REFERENCE: Memo J. E. Fox to J. A. Glass 1/27/77

TO: J. E. Clark - TC

W. H. Collier
J. C. Edwards
J. E. Fox - TC
J. A. Glass - TC
J. S. Hagood
F. C. Himes
R. B. Kennard
R. G. McNeely
J. C. Usrey

Thank you for routing your copy of the referenced memo, along with all attachments, concerning the Dow Respirator Testing & Training Program, to John Hagood. You ask if there is any interest in pursuing a similar program jointly.

At this point in time I do not intend to pursue the development of similar facilities, jointly with Texas City or otherwise. You or the copyees of this memo may wish to disagree with my judgement; I certainly welcome your comments.

There are several reasons for the above conclusion. In general the Dow situation is vastly different from that of Chocolate Bayou. Consider the following:

- Dow has frequent spills of a highly corrosive material, namely chlorine. Spills of this type are rare at Chocolate Bayou.

- Dow makes wide use of "mouthpiece" respirators. Use of this type (non-approved by Bureau of Mines, etc.) was discontinued at Chocolate Bayou in 1976.

- Dow does not require or use nose clamps with the mouthpiece respirators due to poor employee acceptance of nose clamps. This creates the need to train people to breath through their mouth while at the same time not breathing through their nose. Almost all of the Dow training to date has been directed at this need. As stated above mouthpiece respirators are not permitted at Chocolate Bayou.

- Dow uses canister masks for escape and other purposes. Canisters are no longer used at Chocolate Bayou for escape purposes (discontinued in 1976). Self contained, constant flow, air supplied Lear-Siegler masks with total head coverage are now used.

- The Dow tests are conducted with demand type regulators. By definition a slight vacuum must exist in the mask or mouthpiece before additional air is supplied. In 1976 Chocolate Bayou completed conversion of all air supplied respiratory equipment to the pressure demand type to eliminate this problem. In addition only full face pieces are acceptable.

At present, there is little use of half face masks with cartridges at Chocolate Bayou and none with canisters. The use of cartridges has pretty well been limited to dusts and fumes. This is the use area where I believe training, similar to Dow's would improve performance. I think a more conventional approach to this training will meet our needs.

Due to the limited present need for training via the use of alien atmospheres, I want to investigate the feasibility of using a less sophisticated set up. My version includes a plastic bag over the trainees head instead of a test room, the use of pre-blended gas (500ppm freon 12 in air) for the supply and a halide flame detector in place of the electronic detector. If this arrangement is feasible and is warranted, I can be in business for four or five hundred dollars.

I'll keep Arnold informed of any future developments at the Bayou. Please keep us informed of any action you take.

F. H. Dupre

FHD/dg
Enclosures

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Monsanto

J. E. Fox

January 27, 1977

J.E. Clark
A.J. Stroud
T. Ozarchuk

Visit To Dow's Respirator Test Facility

TO : J.A. Glass

A trip was made to Freeport by A. J. Stroud and J. E. Fox to tour one of the respirator test facilities used by Dow Chemical Company. Our contact was Roger Daniel, Manager of Industrial Hygiene. We spent several hours looking over the equipment and building with Larry Packard, Chlorine Area Training Supervisor and Homer Brady, a former chlorine foreman and now operator of the test chamber.

They appear to have an excellent respiratory protective equipment training program and have spent a large amount of time, effort and money setting up the many test facilities. Outlined below are a number of items that were noted during our discussion. Attached are two write-ups and a piping diagram of their system.

1. They have seven respirator training units in use. Most are portable buildings on a trailer frame but they are not moved from place-to-place very often. They feel that it is easier to send the people to the units location.

2. Three of the units have "trainers" assigned full time.

3. Very important to have well trained instructor, knowledgeable in the test program and respirator fitting.

4. They have tested and trained over 4,000 people, mostly with the "mouth-bit" respirator. They are now starting a training program on other types of masks. They retrain on a yearly schedule. Contract and construction personnel working in the chlorine areas are also trained.

5. About one-third of the people going through the test chamber need help or additional training. If they cannot pass the test within 4 to 6 minutes in the chamber, they fail and are required to return until they pass. A few have had to come back 3 or 4 times. They don't have this much of a problem with full or half face masks-unless goggles are required with the half face mask.

6. Two air supplies are required. Dry air for instrument purging and humidified air for breathing.

7. They continually monitor the air supply for oxygen content.

8. Freon 12 is piped to the trailer for use in the test chamber.

9. A large cylinder of calibration gas (500 ppm Freon 12 in air) is piped to the detector. The detector is calibrated several times per day.

10. A constant voltage transformer is used on the halide detector.

11. Normal test time, in the chamber, is 4 to 5 minutes.

12. The Freon 12 level in the exhaled air must drop below 10 ppm for a "passing" test.

13. A two compartment sink for cleaning masks is installed in the trailer.

14. Special air intake and exhaust fittings are available to fit each type of mask.

15. They like the A-0 R5000 & R6000 over the Comfo when cover goggles will also be required. They get a good fit on over 75% with A-0 and only 60% with Comfo.

16. Breathing air is supplied to the test masks through a demand regulator. Pressure mode is much better than demand mode. They also record pressure inside the face piece.

17. The halide meters are sometimes a maintenance problem so they keep a spare on hand in the trailer.

18. They have found that it takes 3 different types or styles of cover goggles to fit most subjects properly in a half face mask.

19. A 30 pound Freon 12 tank lasts approximately 2-3 months.

20. An air conditioner, set on make-up, is mounted in the control area. A separate air conditioner is used in the test chamber and is on total recirculation.

21. Voice communication is maintained between the control room and test chamber.

22. A recorder provides a written record of each test which is placed in the individual's file. I believe they also keep a card file of the total program for OSHA records. Included with this memorandum is a copy of my test cards. Note that I could not pass the test while wearing eye glasses. Also note the instant response of the halide detector when I pushed one finger under the side of the mask. It then took readjustment of the mask to lower the level down below 10 ppm.

23. The test facility we examined cost $10,000.00

John E. Fox

Monsanto

FROM (NAME & LOCATION)

DATE June 28, 1979

SUBJECT Respiratory Training Program

REFERENCE

TO : W. L. Riddick

cc: J. L. Edwards
L. Schwab
S. E. Fleenor
H. H. Burton
E. H. Moore
I. W. Cole
A. Glass

The craftsmen listed on the attached sheets attended a training session -- June 27, 1979. The session explained Procedure Bulletin P-0130 (Respiratory Protection Program) which is designed to insure the safe use of breathing air equipment.

J. C. Edwards

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BOILERMAKERS	BADGE #
M. L. Howell	4365
LABORER	
Bright	3377
MACHINISTS	
J. Desormeaux	2548
C. Wiley	3883
PIPEFITTERS	
Roy James	4102
F. Sockwell	2921

RESPIRATORY PROTECTION PROGRAM

(PROCEDURE BULLETIN P-0130)

APPROVED BY THE PLANT MANAGER'S SAFETY BOARD

DECEMBER 21, 1978

(Re-issued October 10, 1980)

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22796

A NEW PROCEDURE BULLETIN

PURPOSE:

PROTECT EMPLOYEES FROM EXPOSURE TO AIRBORNE CHEMICALS OR PHYSICAL CONTAMINANTS DURING NORMAL AND EMERGENCY CONDUCT OF THEIR WORK

EMPHASIS:

PROVIDE EQUIPMENT, TRAINING, AND PROCEDURES AND REQUIRE COMPLIANCE

NEW BULLETIN COVERS

1. BREATHING AIR QUALITY

2. SELECTION, UPKEEP, AND TRAINING IN USE OF RESPIRATORY EQUIPMENT

3. BREATHING AIR SOURCE/SYSTEM

4. RESPONSIBILITIES