

APR 10 1969

U.S. DEPARTMENT OF LABOR
BUREAU OF LABOR STANDARDS
Office of Occupational Safety
Room 601, 411 N. Akard Street
Dallas, Texas 75201

April 8, 1969

NOTE
NOT COME

Mr. James H. Bierer, President
Pittsburg Corning Corporation
1 Gateway
Pittsburg, Pennsylvania

Dear Mr. Bierer:

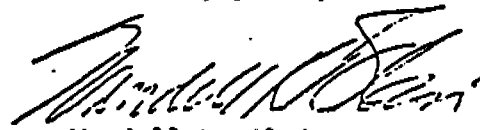
A recent survey of your establishment revealed that certain conditions did not meet the Safety and Health Requirements of the Walsh-Healey Public Contracts Act.

The Act stipulates that "No part of such contract will be performed nor will any of the materials, supplies, articles or equipment to be manufactured or furnished under said contract, be manufactured or fabricated in any plants, buildings or surroundings or under working conditions which are unsanitary or hazardous or dangerous to the health and safety of the employees engaged in the performance of the contract."

Enclosed is a notice listing those unsatisfactory conditions found, and you should take corrective action immediately.

You are requested to notify me on or before the compliance date on the notice concerning action taken to correct the unsatisfactory conditions.

Sincerely yours,



Wendell R. Blair
Regional Director

Enclosure

cc: Mr. Charles Van Horne, Wks. Manager, Cwentown, Texas

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NOTICE OF

SAFETY AND HEALTH VIOLATIONS

NAME OF FIRM Pittsburg Corning Corporation		CONTRACTOR NUMBER		
STREET ADDRESS Box 3057 - Tyler, Texas	CITY Owentown	COUNTY Smith	STATE Texas	ZIP 75701
OFFICIALS CONTACTED - NAME AND TITLE Charles E. Van Horne, Wks. Manager		PLANT SURVEY MADE WITH Mr. Van Horne		COMPLIA DATE
		REPORT FURNISHED TO James H. Bierer, President		May 8, 1
		USOL SAFETY ENGINEER M. Padilla, Industrial Hygienist		DATE OF SURVEY 2/13/69
A SURVEY OF YOUR FACILITIES HAS REVEALED CONDITIONS WHICH DO NOT COMPLY WITH USOL SAFETY AND HEALTH REQUIREMENTS UNDER THE PUBLIC LAW CHECKED.		PUBLIC LAW - 74-846 WALSH-HEALEY PUBLIC CONTRACTS ACT		
THE CONDITIONS ARE LISTED BELOW WITH REFERENCE TO CODES AND STANDARDS WHICH HAVE BEEN ADOPTED AS THE DEPARTMENT'S SAFETY AND HEALTH REQUIREMENTS.		PUBLIC LAW 89-286 MCNAMARA-O'HARA SERVICE CONTRACTS ACT		
THESE UNSATISFACTORY CONDITIONS MUST BE CORRECTED. PLEASE ADVISE REGIONAL DIRECTOR <u>Wendell R. Blair</u> ON OR BEFORE <u>May 8, 1969</u> AS TO THE CORRECTIVE ACTION TAKEN.		PUBLIC LAW - 89-209 ARTS AND HUMANITIES ACT		
		PUBLIC LAW - 89-333 VOCATIONAL REHABILITATION ACT		
CODE-STANDARD REFERENCE	CORRECTIONS REQUIRED			
	UNSATISFACTORY CONDITIONS NOTED ON INDUSTRIAL HYGIENE SURVEY OF 2/13/69			
1. 50-204.264	<u>Process Area</u> No certified first aiders. Ex: Recommend that several employees be trained so that each shift will have qualified personnel to take care of emergencies.			
2. 50-204.275, Ind. Vent. ACGIH 5-98	Local exhaust ventilation not according to standards. Ex: Local exhaust ventilation system was tested with the following findings: a. Grinder hood, 25-50 fpm at face. b. Feeder at material point of entry, 50 fpm. c. Scrap feeder at material point of entry, 50 fpm. d. Sawing ducts 500 fpm at face. Recommend that employer make a study of present local exhaust ventilation with professional advice, to come up to standard. It is believed that present system is below the required capacity.			
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SEE USOL CODE-STANDARD BOOKLET FOR REFERENCE				

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Table 2 -- The Per Cent of the Total Number of Asbestos Fibers Occurring in Various Ranges of Length

Sample No.	Date 1963	Time of Day	Description and Location of Sample	mppcf Asbestos Fibers	Lengths of Fibers in Microns								
					<100	<50	<40	<30	<20	<10	<5	<1	
Process Areas													
14	8/6	3:40 pm - 3:50 pm	Breathing zone at the scrap crusher while scrap was being crushed.	4.2	100	94.2	94.2	85.1	74.6	55.1	21.3	0	
20	8/7	12:00 N - 12:04 pm	Breathing zone at the scrap crusher while scrap was being crushed.	1.0	100	98.2	96.4	94.6	81.9	51.9	11.1	0	
9	8/6	1:15 pm - 1:45 pm	Breathing zone in the scrap and asbestos feed area.	0.6	97.7	90.3	87.1	77.5	65.7	44.8	18.4	0	
17	8/7	10:38 am - 10:55 am	Breathing zone in the scrap and asbestos feed area.	0.3	100	97.3	97.3	97.3	94.6	75.5	31.0	0	
16	8/7	10:15 am - 10:35 am	Breathing zone in the building and take-off area.	0.2	94.1	88.9	86.4	83.9	74.6	53.4	17.0	0	
Sawing Area													
2	8/6	8:54 am - 9:02 am	Breathing zone at the large slitting saw while pieces 1 1/2" thick were being cut.	0.8	96.9	89.4	83.8	70.1	60.1	40.8	4.1	0	
3	8/6	9:18 am -	Breathing zone at the large edging saw while pieces 1 1/2" thick were being cut.	0.5	100	92.5	90.5	85.5	78.1	43.3	6.4	0	
4	8/6	9:57 am - 10:07 am	Breathing zone at the feed end of the large edging saw while pieces 1 1/2" thick were being cut.	1.7	98.5	92.5	89.5	79.5	69.5	27.0	4.0	0	
6	8/6	11:37 am - 11:52 am	Breathing zone at the large edging saw while heavy walled pieces were being cut.	1.2	98.0	94.0	91.5	89.0	84.5	60.9	19.2	0	
8	8/6	12:00 N -	Breathing zone at the large slitting saw while heavy walled pieces were being cut.	1.8	99.5	99.5	98.0	96.0	89.7	79.5	39.2	0	
5	8/6	10:10 am - 10:20 am	Breathing zone at the block saw.	2.1	99.0	94.5	89.1	80.7	73.8	43.7	4.1	0	
11	8/6	2:18 pm - 2:30 pm	Breathing zone at the wheel cutters while blocks were being cut.	3.3	99.0	98.0	97.5	97.5	94.0	77.8	25.3	0	

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(Table continued)

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Table 2 -- (Continued)

Sample No.	Date 1963	Time of Day	Description and Location of Sample	mppcf Asbestos Fibers	Lengths of Fibers in Microns								
					<100	<50	<40	<30	<20	<10	<5	<0	
<u>Sawing Area (continued)</u>													
12	8/6	2:32 pm - 2:45 pm	Breathing zone at the wheel cutters while blocks were being cut.	1.4	100	96.6	96.6	96.1	91.8	78.0	40.8	0	
13	8/6	3:15 pm - 3:20 pm	Breathing zone while cleaning the 3-unit dust collector in the saw area (downstream of dust cloud).	29.6	100	99.0	98.0	96.1	89.9	76.0	29.2	0	
19	8/7	11:40 am - 12:04 pm	General air near the 3-unit dust collector in the saw area	0.7	100	96.1	92.2	89.0	71.5	39.7	10.5	0	
<u>Miscellaneous</u>													
15	8/7	10:05 am - 10:55 am	General air in the asbestos storage area.	0.3	99.2	90.9	85.3	76.2	67.9	41.5	8.5	0	
18	8/7	11:10 am - 11:55 am	General air in center of the product storage area.	0.1	Too Few Fibers								

Respirator mandatory!

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Mg. per
Cu. M.

Substance

Мг. рог.
Сш.М.

Trichloronapthalene - skin
Trinitrotoluene - skin
Uranium
 (soluble compounds)
 (insoluble compounds)
Vanadium
 (V_2O_5 dust)
 (V_2O_5 fume)

Warfarin (3-(α -acetylbenzyl)-
4-hydroxycoumarin)
Yttrium
Zinc oxide fume
Zirconium compounds (as Zr)

NOTES:

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Radioactivity: For permissible concentrations of radionuclides in air, see U. S. Department of Commerce National Bureau of Standards, Handbook 69, "Maximum Permissible Body Burdens and Maximum Permissible Concentrations of Radionuclides in Air and in Water for Occupational Exposure", June 5, 1959. Also, see U. S. Department of Commerce, National Bureau of Standards, Handbook 59, "Permissible Doses from External Sources of Ionizing Radiation", September 24, 1954, and addendum of April 15, 1958.

Mineral and Non-Metallic Inorganic Dusts

Substance	MPPCF
Silica	
Quartz	
high (above 50% free silica)	5
medium (5 to 50% free silica)	20
low (below 5% free silica)	50
Cristobalite (above 5%)	5
Amorphous	20
Silicates	
Asbestos	5
Mica	20
Portland Cement	50
Soapstone	20
Talc	20

Substance	MPPCF
Miscellaneous:	
Aluminum Oxide	50
Calcite	50
Dolomite	50
Limestone	50
Marble	50
Silicon Carbide	50
Other Inert Dusts	50

Tentative Values

Substance	PPM.	Approx. Mg. per Cu.M.
Acetonitrile	40	70
Allyl glycidyl ether (AGE)	10	45
Boron oxide		15
tert. Butyl chromate (as CrO_3)		0.1
n-Butyl glycidyl ether (BGE)	50	270
Butyl mercaptan	10	35
Chloroacetaldehyde	1	3
Chlorobromomethane	200	1050
DDVP (O, O-Dimethyl-2, 2-Dichlorodivinyl phosphate)		1
Diglycidyl ether (DGE)	10	55
Dimethyl acetamide	10	35
Endrin (1, 2, 3, 4, 10, 10-hexachloro-6, 7-epoxy-1, 4, 4a, 5, 6, 7, 8, 8a-octa hydro-1, 4-endo, endo-5, 8-dimethanonaphthalene)		0.25
Ethanol amine	0.5	1
Ethyl mercaptan	250	640
Glycidol	50	150
Heptachlor (1, 4, 5, 6, 7, 8, 8-hap-tachloro-3a, 4, 7, 7a-tetrahydro-4, 7-methanoindane)		0.25

Substance	PPM	Approx. Mg per Cu. M.
sec-Hexyl acetate	100	590
Isopropyl glycidyl ether (IGE)	50	240
Ketene	0.5	0.9
Methyl mercaptan	50	100
1-Nitropropane	25	90
Pentaborane	0.005	0.01
Perchloromethyl mercaptan	0.1	0.8
Phenyl glycidyl ether (PGE)	50	310
Phosdrin (2-carbomethoxy-1-methyl vinyl dimethyl phosphate)		0.1
n-Propyl nitrate	25	110
Systox		0.2
2,4,5T (2,4,5-trichlorophenoxy acetic acid)		10
Tuflon decomposition products (as F)		0.05
1,2,3-Trichloropropane	50	300
1,1,2-Trichloro-1,2,2-trifluoroethane	1000	7600
Triorthocresyl phosphate		0.1
Triphenyl phosphate		5436

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