FILE NAME: Westinghouse Pennsylvania Archives (WHPA)

DATE: 1972

DOC#: WHPA009

DOCUMENT DESCRIPTION: WH East Pittsburgh Plant Documents

Westinghouse East Pittsburg

- 1972 Inspection at electric vehicle plant with Occupation/Hazard forms asbestos dust documented for several occupations: vehicle wireman, upholsterer packer, maintenance man
- 1972 Operation/Hazard/Control Measure matrix

Fr. Hdq: 5/22/72 pkt NL

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH

PART 1 PAGE 1

OCCUPATIONAL HEALTH

Xerox to C.O.: 3/18/75 pkt

PENNSYLVANIA OCCUPATIONAL HEALTH INSPECTION (NSN)

1. ESTABLISHMENT – NAME, ADDRESS, ZIP CODE	2. PERSON INTERVIEWED – NAME, TITLE, TEL. NO.
Westinghouse Electric Corp. Homewood/Brashton Electric Vehicle Plant 320 Washington Blvd Pgh. Pa. 15206	Vernon G. Hebard – P.M. 412-256-3980
	SAFETY SUPERVISOR: Vernon G. Hebard

LEGAL OWNER – NAME, ADDRESS. Westinghouse Electric Corp. Pgh., Pa 15222

MO. DAY YR.

3. CARD CODE [1] (1) 4. DATE [0 5 | 1 2 | 7 2] (2-3 | 4-5 | 6-7) 5. STATE CODE [4 2] (8-9) 6. COMPANY NUMBER [5 0 0 | 1 6 6] (10-15)

7. (1) ORIGINAL INSPECTION - STATE & NSN (2) Original Inspection - NSN (3) Reinspection - NSN [2] (16)

8. What is your Chief Product or Service? Electric Vehicles SIC [3 7 1 1] (17-20)

9. SIZE CODE? (Based on Total Number of Employees) [3] (21)
(1) 1-3 (3) 8-19 (5) 50-99 (7) 250-499 (9) 1,000 +
(2) 4-7 (4) 20-49 (6) 100-249 (8) 500-999

10. HOW MANY SHIFTS DO YOU HAVE? one

11. HOW MANY PEOPLE ARE ON THIS PLANT'S PAYROLL AT THE PRESENT TIME? [0 0 0 1 8] (22-26)

12. OF THIS NUMBER, HOW MANY ARE NORMALLY IN THE WORK AREA AS OPPOSED TO THE OFFICE OR OUTSIDE AREA? [0 0 0 1 3] (27-31)

13. OF THOSE IN THE WORK AREA WHAT APPROXIMATE PERCENTAGE IS MALE? [9 9] (32-33)

14. DOES THIS PLANT DO FEDERAL CONTRACT WORK? [3] (34)
(1) Yes, Prime Contractor, (3) No,
(2) Yes, Subcontractor, (4) Don't Know.

15. A. DOES YOUR COMPANY EMPLOY AN INDUSTRIAL HYGIENIST? (1) Yes, at this Plant, [2] (35)
(2) Yes, at Corporate Hq., (3) Yes, Consultant, (4) No.

His Name, Address and Telephone Number: W. Specher, East Pgh. Bldg 26 East Pgh, Pa 15112 412-256-2378

B. ESTIMATE THE AVERAGE NUMBER OF INDUSTRIAL HYGIENE MAN-HOURS THAT ARE DEVOTED TO YOUR PARTICULAR PLANT PER WEEK. [0 0] (36-37)

16. A. DO YOU HAVE AN AGREEMENT WITH A PHYSICIAN TO GIVE YOUR EMPLOYEES EMERGENCY OR OTHER MEDICAL CARE? (1) Yes, Full Time, (2) Yes, Part Time (3) Yes, On Call: (4) No. [3] (38)

His Name, Address and Zip Code: J.R. Dommenburg MD, 121 N. Highland Mall P.G. Pa 152 412-441-7300

B. ESTIMATE THE AVERAGE NUMBER OF PHYSICIAN MAN-HOURS THAT ARE DEVOTED TO YOUR PLANT PER WEEK. [0 0] (39-40)

17. A. DO YOU HAVE A REGISTERED NURSE IN YOUR FACILITY AT A REGULAR TIME? [4] (41)
(1) Yes, R.N., (3) Yes, Both
(2) Yes, L.P.N., (4) No.

B. ESTIMATE THE AVERAGE NUMBER OF NURSING MAN-HOURS THAT ARE DEVOTED TO YOUR PARTICULAR PLANT PER WEEK. [0 0 0] (42-44)

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PART 1 PAGE 2

18. A. DO YOU HAVE AN EMPLOYEE RESPONSIBLE FOR GIVING FIRST-AID WHEN NO DOCTOR OR NURSE IS PRESENT?
(1) Yes, (2) No, (3) Not Applicable — 45: 1

B. DOES HE HAVE ANY FORMAL FIRST-AID TRAINING?
(1) Yes, Red Cross (3) Yes, Other (5) Don't Know
(2) Yes, Armed Serv. Medic (4) No (6) Not Applicable — 46: 4

19. A. WHEN YOU HIRE A NEW EMPLOYEE, DO YOU RECORD INFORMATION FROM HIM, ABOUT HIS HEALTH, ON SOME REGULAR FORM?
(1) Yes, All Employees, (2) Yes, Some Employees, (3) No. — 47: 1

B. BEFORE YOU HIRE A NEW EMPLOYEE, DO YOU REQUIRE HIM TO TAKE A MEDICAL EXAMINATION?
(1) Yes, All Employees, (2) Yes, Some Employees, (3) No. — 48: 1

20. A. DO YOU PROVIDE PERIODIC MEDICAL EXAMINATIONS FOR YOUR EMPLOYEES IN HAZARDOUS JOBS?
(1) Yes, Adequate, (2) Yes, Inadequate, (3) No, (4) Not Applicable — 49: 4

B. DO YOU PROVIDE PERIODIC AUDIOMETRIC EXAMINATIONS FOR YOUR EMPLOYEES THAT ARE EXPOSED TO NOISE?
(1) Yes, Adequate (2) Yes, Inadequate, (3) No, (4) Not Applicable — 50: 4

C. DO YOU PROVIDE PERIODIC BLOOD AND URINE EXAMINATIONS FOR YOUR EMPLOYEES WHERE APPROPRIATE?
(1) Yes, Adequate, (2) Yes, Inadequate, (3) No, (4) Not Applicable — 51: 4

D. DO YOU PROVIDE PERIODIC PHYSIOLOGICAL FUNCTION TESTS (Excluding Audiograms) WHERE APPROPRIATE?
(1) Yes, Adequate, (2) Yes, Inadequate, (3) No, (4) Not Applicable — 52: 4

E. DO YOU PROVIDE PERIODIC CHEST X-RAYS WHERE APPROPRIATE?
(1) Yes, Adequate, (2) Yes, Inadequate, (3) No, (4) Not Applicable — 53: 4

21. DO YOU HAVE AN IMMUNIZATION PROGRAM?
(1) Yes, (2) No. — 54: 1

22. ARE YOUR EMPLOYEE ABSENTEEISM RECORDS
A. (1) Not Kept, (2) Kept, without Showing Nature of Absence, (3) Kept, Showing Nature of Absence, (4) Kept, Showing Nature of Sickness — 55: 3

B. WHAT IS YOUR AVERAGE ABSENTEE RATE? (Days/Year/Employee)
(Don't Know Coded as 99) — 56 - 57: 2 5

23. DOES YOUR COMPANY HAVE A FORMAL SAFETY PROGRAM?
(1) Yes, (2) No. — 58: 1

24. IS YOUR WORKMEN'S COMPENSATION INSURANCE CARRIED WITH AN INSURANCE COMPANY OR ARE YOU SELF INSURED? (1) Insurance Company (Name) _____
(2) Self Insured, (3) State Insurance Fund, (4) None. — 59: 2

25. IN YOUR ESTABLISHMENT, DO YOU FEEL THAT THERE ARE ANY HEALTH HAZARDS, EVEN IF YOU HAVE THEM UNDER CONTROL? (1) Yes, (2) No. — 60: 2
WHAT KINDS _____
OF HAZARDS? _____
_____

26. HAVE YOU HAD ANY OCCUPATIONAL DISEASE IN YOUR PLANT IN THE LAST YEAR?
(1) Yes, Dermatitis (3) Yes, Combination (5) Don't Know.
(2) Yes, Other (4) No — 61: 1

27. HOW MANY YEARS HAS THIS TYPE OF WORK BEEN CONDUCTED IN THESE FACILITIES?
(1) 0-5 (3) 11-20 (5) 31-50
(2) 6-10 (4) 21-30 (6) Greater Than or Equal to 51 — 62: 1

28. HOW MANY HOURS DOES IT TAKE TO INSPECT THIS PLANT? — 63 - 64: 0 2

29. HOW OFTEN (In Years) SHOULD THIS PLANT BE ROUTINELY INSPECTED? — 65: 3

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PART 1 PAGE 3

30. THIS PLANT HAS A HEALTH CONDITION(S) WHICH WARRANTS INVESTIGATION: (66) 3
(1) Immediately (2) Within One Year. (3) Not Warranted

31. NUMBER OF CONTROL RECOMMENDATIONS MADE AS A RESULT OF THIS INSPECTION: (67-68) 00

32. (1) Self Initiated, (2) B.O.S.H. Request, (3) Complaint (69) 1

33. A. AIR RECIRCULATION: (1) Yes, Complete Approval (2) Yes, Conditional Approval (3) Yes, No Approval (4) No (70) 4

B. ARTICLE 434: (1) Yes, Complete Approval (2) Yes, Conditional Approval (3) Yes, No Approval (4) No (71) 4

C. ARTICLE 436: (1) Yes, Registered (2) Yes, Partially Registered (3) Yes, Not Registered (4) No (72) 4

D. CONFINED SPACE ENTRY: (1) Yes, Complete Approval (2) Yes, Partial Approval (3) Yes, No Approval (4) No (73) 4

E. REGION CODE: (74-76) 502

34. TOTAL AT RISK: (From Part II) (77-80) 0012

REMARKS: Company produces 2 vehicles/day: No longer build motors. Air Recirculation system is no longer used. Following operations are equipped with Local exhaust ventilation to outside: ① Caustic dipping ② Steam cleaning, ③ Welding ④ Phosphatizing, ⑤ Paint spray, ⑥ Drying ovens, and Turret Lathes. Trade name products used: ① Parco Coat 2554, Hooker Chemical Co, ② Traffic Red Paint, Watson Standard Paint Co, ③ Automotive Alkyd Enamel, Sherwin Williams, and ④ Reducer RK54, Sherwin-Williams.

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
OCCUPATIONAL HEALTH

PENNSYLVANIA OCCUPATIONAL HEALTH INSPECTION (NSN) PART II

Electrical Prod. Assembly

CARD CODE (1) 2 | STATE CODE (8-9) 4 2 | COMPANY NUMBER (10-15) 5 [illegible] 1 6 6

EMPLOYEES				EXPOSURES				
OCCUPATION		TOT. EST. W/I OCC. (P.O.)*	TOT. EST. AT RISK	HAZARD	HAZARD CODE 24-27	A 28-30	M 31-33	I 34-36
DESCRIPTION	CODE 16-17	18-20	21-23					
upholster/ packer	99	001		TOTAL		001		
	99			wood dust	9210	001		
	99			noise, intermittent	9120	001		
	99			3M 77 adhesive	5779	001		
	99			urethane dust	5999	001		
	99			Fabric dust	9130	001		
POWER TRAIN ASSEMBLER	99	002		TOTAL		002		
	99			Sodium hydroxide	2260	002		
	99			Clayton steam cleaning compound	5240	002		
	99			IRON OXIDE FUME	1500	002		
	99			IR	9190	002		
	99			UV	9210	002		
	99			welding gases	5170	002		
	99			ARGON GAS	0140	002		
	99			OIL MIST	5010	002		

TOTAL THIS PAGE: 3

TOTAL AT RISK (37-40)

1 - COMPLETE SURVEY
2 - PARTIAL SURVEY (41) 1

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
OCCUPATIONAL HEALTH

PENNSYLVANIA OCCUPATIONAL HEALTH INSPECTION (NSN) PART II

[illegible] Electric Corp. - Hammond/[illegible] Electric

CARD CODE (1) 2 | STATE CODE (8-9) 4 2 | COMPANY NUMBER (10-15) 3 0 1 6

EMPLOYEES				EXPOSURES				
OCCUPATION DESCRIPTION	CODE 16-17	TOT. EST. W/I OCC. (P.O.)* 18-20	TOT. EST. AT RISK 21-23	HAZARD	HAZARD CODE 24-27	A 28-30	M 31-33	I 34-36
Welder	24	001	001	Total		001		
	24			Iron oxide Fume	1500	001		
	24			IR	5500	001		
	24			UV	5510	001		
	24			Welding Gases	5300	001		
Cut-off + Bender	22	001	001	Total		001		
	22			Iron oxide dust	1500	001		
	22			noise, impact	8130	001		
Turret Lathe Operator	12	001	001	Total		001		
	12			Iron oxide dust	1500	001		
	12			oil mist	3010	001		
	12			noise, continuous	8110	001		
Final assembly welder	24	002	002	Total		002		
	24			Iron oxide Fume	1500	002		
	24			IR	5500	002		

TOTAL THIS PAGE: 5

TOTAL AT RISK (37-40)

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1 - COMPLETE SURVEY
2 - PARTIAL SURVEY (41) 1

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
OCCUPATIONAL HEALTH

PENNSYLVANIA OCCUPATIONAL HEALTH INSPECTION (NSN) PART II

Electric Corp - Hanover

CARD CODE 1: 2

STATE CODE 8-9: 4 2

COMPANY NUMBER 10-15: 5 0 0 1 1 5

EMPLOYEES				EXPOSURES				
OCCUPATION		TOT. EST. W/I OCC. (P.O.)*	TOT. EST. AT RISK	HAZARD	HAZARD CODE 24-27	A 28-30	M 31-33	I 34-36
DESCRIPTION	CODE 16-17	18-20	21-23					
	24			UV	9376	002		
	24			welding Gases	5300	002		
	24			ARGon Gas	0240	002		
Painter	16	001	001	Total		001		
	16			Parco Coat 2554	5999	001		
	16			TRAFFIC TRed MIST	5997	001		
	16			enamel mist	5190	001		
	16			RK54 Vapor	5999	001		
	16			heat, dry	9220	001		
	16			carbon dioxide	0830	001		
	16			carbon monoxide	0660	001		
	16			oxides of nitrogen	1910	001		
Vehicle Wireman	99		001	Total		001		
	99			asbestos dust	9090	001		
	99			noise Intermittent	9150	001		

TOTAL THIS PAGE: 2

1 - COMPLETE SURVEY
2 - PARTIAL SURVEY 41: 1

TOTAL AT RISK 37-40:

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
OCCUPATIONAL HEALTH

PENNSYLVANIA OCCUPATIONAL HEALTH INSPECTION (NSN) PART II

Electric Co. - [illegible]

CARD CODE (1) [2]

STATE CODE (8-9) [4 2]

COMPANY NUMBER (10-15) [illegible]

EMPLOYEES				EXPOSURES				
OCCUPATION		TOT. EST. W/I OCC. (P.O.)*	TOT. EST. AT RISK	HAZARD	HAZARD CODE 24-27	A 28-30	M 31-33	I 34-36
DESCRIPTION	CODE 16-17	18-20	21-23					
Assembler	99		001	Total		001		
	99			noise, intermittent	7120	001		
	91			oil vapor	5007	001		
Maintenance Man	68		001	Total		001		
	68			iron oxide fume	1520	001		
	68			IR	9320	001		
	68			UV	7170	001		
	68			welding gases	5290	001		
	68			asbestos dust	9220	001		
Upholstery/Packer	99			asbestos dust	9220	001		

TOTAL THIS PAGE: 2

1 - COMPLETE SURVEY
2 - PARTIAL SURVEY (41) [1]

TOTAL AT RISK (37-40) [0012]

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Westinghouse Electric Corp. - East Pittsburgh Div.
700 Braddock Ave.
East Pittsburgh, Pa. 15112

OPERATION	HAZARD	CONTROL MEASURE
Heating (gas)	Heat, CO & CO_2 Gases	Closed oven, G.A.D.
Forging	Heat, I.R. Rad., Fe_xO_x Dust, Noise	G.A.D., protect. clothing, impact type noise, ear protect. devices avail.
Heating - 2 (gas)	Heat, CO & CO_2 Gases	G.A.D.
Rolling & Bending	Heat, I.R. Rad.	do. + protect. clothing
MF		
Burning - 6 (O_2 & natural gas)	Fe_xO_x Fumes, CO, CO_2 & N_xO_x Gases, I.R. Rad.	do.
Plasma Torch	Fe_xO_x Fumes, CO, CO_2, O_3 & N_xO_x Gases, I.R. & U.V. Rad.	L.E.V. to the outside, protect. clothing
Sawing - 2	Fe_xO_x Dust, Oil Mist (H_2O Sol.) Derm., Noise	L.E.V. to two collectors, per. hyg., short duration noise, ear protect. devices avail.
Welding - 20 (arc)	Fe_xO_x Fumes, CO, CO_2, O_3 & N_xO_x Gases, I.R. & U.V. Rad.	G.A.D., protect. clothing, roof fans

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Westinghouse Electric Corp. - East Pittsburgh Div.
700 Braddock Ave.
East Pittsburgh, Pa. 15112

OPERATION	HAZARD	CONTROL MEASURE
D Aisle		
Sanding	Micarta & Emery Dusts	L.E.V. to dust collector
Testing	Noise	Ear protect. devices worn
Milling & Lathing	Fe_xO_x Dust	G.A.D
C Aisle		
Milling - 2	do.	do.
Grinding	do. + Carborundum Dusts	do.
Welding - 6 (arc)	Fe_xO_x Fumes, CO, CO_2, O_3 & N_xO_x Gases, I.R. & U.V. Rad.	do. + protect. clothing
Brazing (O_2 - acetylene)	Ag, Cd, Cu & Zn Fumes Flux Fumes "Handy Flux" (Handy & Harmon) CO, CO_2 & N_xO_x Gases, I.R. Rad.	L.E.V. to the outside, protect. clothing

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Westinghouse Electric Corp. - East Pittsburgh Div.
700 Braddock Ave.
East Pittsburgh, Pa. 15112

OPERATION	HAZARD	CONTROL MEASURE
Acid Dip	HNO_3 & H_2SO_4 Vapors, N_xO_x & SO_2 Gases, Derm.	L.E.V. to the outside, protect. clothing, per. hyg.
Detergent Dip	Mist & Vapor "Sprex AC" (Dubois Chemical Co.) Derm.	do.
Hot H_2O Rinse	Steam, Dampness	L.E.V. to the outside, protect. clothing
Buffing	Cu & Cloth Dusts, Buffing Compound Dust "#140 Stix Wax" (Johnson Wax Co.)	L.E.V. to dust collector
Milling - 6, Planing - 10, Drilling - 15 & Lathing - 15	Fe_xO_x & Cu Dusts, Oil Mist, Derm.	G.A.D., protect. clothing, per. hyg.
R-60		
Assembly	Noise	Sporad. exp.
Spraying Asphalt	Asphalt Vapor, Asbestos Dust, Derm.	G.A.D., material is a thick goo, protect. clothing, per. hyg.

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Westinghouse Electric Corp. - East Pittsburgh Div.
700 Braddock Ave.
East Pittsburgh, Pa. 15112

OPERATION	HAZARD	CONTROL MEASURE
Drilling, Milling, Planing & Lathing - 6	Fe_xO_x Dust	do.
Screw Machines - 20	do. + Oil Mist, Derm.	do. + per. hyg.
I-21		
Centrifuge	Oil Vapor, Derm.	do.
Degreaser	Trichloroethylene Vapor, Derm.	Auto., cooling coils, thermo. controls, per. hyg.
Auto. Screw Machines - 30	Fe_xO_x & Brass Dusts, Oil Mist, Derm., Noise	G.A.D., tubes lined for noise control, per. hyg.
ZX-10		
Drilling & Wire Brushing - 10	Micarta Dust	L.E.V. to the outside
Grinding & Sander - 10	do. + Carborundum Dust	do.
Blasting (steel shot)	Fe_xO_x & Steel Dusts	Closed cabinet

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