FILE NAME: Westinghouse Pennsylvania Archives (WHPA)

DATE: 1969

DOC#: WHPA004

DOCUMENT DESCRIPTION: WH Philadelphia Plant Documents

Westinghouse Philadelphia

- 1969 punch card from Electric Repair Division with Operation/Hazard/Control Measure matrix
- 1969 field report request for air recirculation with Operation/Hazard/Control Measure matrix mentions asbestos paper dust hazard at guillotine, no local exhaust ventilation.
- 1969 Application for approval of air recirculation system

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
DIVISION OF OCCUPATIONAL HEALTH

PLANT INFORMATION RECORD

Stock No. 5268.3

PLANT Westinghouse Electric-Repair Division — AREA CODE PHONE NO. 215 EV2 6262

ADDRESS 126 South 30th Street (lower level) — EMPLOYEES:

Philadelphia, Penna. 19104 — M

PRODUCT OR SERVICE Service - electrical repair shop — F

PERSON INTERVIEWED Samuel Adams, Ind. Engineer — T 138

PHYSICIAN - Preplacement -- Lloyd Stephens, M. D., 133 S. 36th St., Phila.

Eye -- George Dublin, M. D., 1930 Chestnut St., Phila.

Emergencies - Frank J. Jodzis, M. D., 1416 N. 4th St., Phila.

DENTIST- None

NURSE - None

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PENNA. DEPT. OF HEALTH
INDUSTRIAL HYGIENE SECTION

SAFETY SUPERVISOR - None

INDUSTRIAL HYGIENIST (Unknown) (On corporation basis)

INSURANCE CARRIER Self-insured

LEGAL OWNER Corp., Pittsburgh - D. Burnham, President

RECOMMENDATIONS 1. Respirator at paint spraying

2. Air recirculation in woodworking and at undercutting commutator.

Letter sent on 7-23-69

REMARKS Previous punch card and folder on file. Preplacement physical exams are given and periodic exams of workers at hazardous operations. Discussed hazards of working with epoxies with Mr. Adams. No dermatitis reported. Housekeeping good.

TYPE OF VISIT Inspection — DATE 7-8-69 — BY Leslie Robinson J.S.S.

LIST HAZARDS AND CONTROL MEASURES ON REVERSE SIDE (2,0)

OPERATION	HAZARD	CONTROL MEASURE
Sawing	wood dust	general ventilation
Cleaning (manual)	magnus, xylol, toluol vapor	" "
	dermatitis	personal hygiene
Pressing	steel dust, Cu dust	general ventilation
Dismantling motors	oil mist,	general ventilation
	dermatitis	personal hygiene
Cleaning (tank not entered)	Magnus chem., Oakite LSB 95XY mist	LEV on one - gen. vent.
	dermatitis	personal hygiene
Paint spraying	Westinghouse oil based paint mist	LE booth
	toluol mist, vapor	resp. (see recom.)
	dermatitis	personal hygiene
Incinerating	glass, mica, empire dust	LEV-enclosed
Grinding	SiC, steel dust	general ventilation
Welding room (sep.) TIG elec.-acetylene	Pb, Sn (600°) fume, HCl mist and gas	wall exhaust
	Cu, Fe, oxide fume, IR, UV, ozone gas	welding helmet
Soldering and welding done on Cu, steel, and cast iron, according to Mr. Adams	Nx, Oy, fluoride fume, CO, CO_2 gas	
Baking, curing oven (300°) (elec)	heat	enclosed
	dermatitis	personal hygiene
Milling) Lathing) Drilling) Undercutting) Shearing)	steel, iron dust	general vent.
	cutting oil mist	
	dermatitis	personal hygiene
		LEV to AR (see rec.)
Woodworking) Sawing) Shaping)	wood dust	LEV to Ar (see rec.)
	noise	sporadic
Varnish dipping (tank not entered) Bakeout oven	Westinghouse Benolite vapor mist, xylol vapor	general vent. " "
	varnish vapor dermatitis	personal hygiene enclosed
Magnet winding	Cu dust	general vent.
Air blowing of motors	Cu dust, tape dust	general vent.
	noise	sporadic
Metal spraying Stainless steel 1200° elec Mild steel 1400° elec (Metco air jet spray) (metal rod in gun)	Fe oxide fume	LEV
Steam cleaning	humidity, heat	gen. vent.

Continued on page 2

HIH-19003 REV. 12-67

REGION I

PROD. MFG. OR SERVICE service
electrical repair shop

DATE OF ACTIVITY 8/22/69

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
OCCUPATIONAL HEALTH

FIELD ACTIVITY REPORT

EMPLOYEES	COUNTY
MALE	Phila.
FEMALE	IND. CODE
TOTAL 138	76

PLANT
Westinghouse Electric Company, Repair Division

ADDRESS
126 South 30th Street (Lower level) Phila.

ZIP 19104

PHONE 215-Ev-2-6262

PERSON INTERVIEWED
Samuel Adams - Letter

TITLE
Industrial Engineer

PURPOSE: INVEST.; SURVEY; INSPECT.; PRELIM.; F.U.; CONF.; VISIT: 30 day reply requested

REASON: SELF-INIT.; O.D. REP.; COMPL.; REQUEST; SOURCE

SPECIFIC HAZARD OR CONDITION	WORKERS EXPOSED	RECOMMENDATIONS R 7/8/69 WRITTEN - - - VERBAL	ACCOMPLISHED YES	NO	IN PROG.
Air recirculation	81	Request approval of air recirculation	X		

SAMPLES COLLECTED (NO. & KIND) TOTAL

DETERM. MADE (NO. & KIND) TOTAL

MEDICAL - O.D. REPORTED, NO. & KIND

PUNCH CARD YES [X] NO [ ] | FOLDER YES [X] NO [ ]

REMARKS:

Forms dated 7/8/69 received 8/21/69.

Forms, along with I.H's comments, submitted to AR committee for review.

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BY P. De Fao RIH JS

S 3/22/69 WINS 0

Westinghouse Electric - Repair Division
126 South 30th Street (lower l[illegible]l)
Phila., Penna. 19104

pa.
7/8/69

OPERATION	HAZARD	CONTROL MEASURES
Epoxy brushing	Westinghouse epoxies vapors dermatitis	general ventilation personal hygiene

Magnus hand cleaner used, disposable equipment, so no cleaning of brushes necessary.

Guillotine	dacron, nylon, asbestos paper dust	general ventilation-sporadic
Taping	fiberglas, teflon, plastic tape dust dermatitis	general vent. personal hygiene
Meter repairing soldering	Pb, Sn, Cu fume, UV HCl mist and gas	general vent.
Shot blasting	glass dust Fe dust	enclosed

No sand blasting done.

Leslie Robinson
Industrial Hygienist

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#1

HIH-19155

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
OCCUPATIONAL HEALTH

EACH SYSTEM REQUIRES SEPARATE APPLICATION

APPLICATION FOR APPROVAL OF AIR RECIRCULATION SYSTEM

DATE 8-20- 1969

PLANT NAME WESTINGHOUSE ELECTRIC CO. Philadelphia Repair Plant

ADDRESS 126 S. 30th St., Lower Level

CITY AND ZIP CODE Philadelphia, Pa. 19104

COUNTY Philadelphia

CONTAMINANTS COLLECTED

Dust Particles

LOCATION OF AIR RECIRCULATION SYSTEM (DEPARTMENT, BUILDING, ROOM, ETC.)

Carpenter Shop

LIST OPERATIONS EXHAUST VENTILATED TO COLLECTOR AND ALL MATERIALS USED IN THESE OPERATIONS

OPERATIONS	MATERIALS USED IN OPERATION (SPECIFIC INGREDIENTS)
Table Saw	Wood, Micarta,
Shaper	Glastic and similiar materials
Sander	

AIR RECIRCULATION SYSTEM INFORMATION

MANUFACTURER OF COLLECTOR: Torit

MODEL NUMBER: 19 FB

TYPE COLLECTOR: Dust

AIR VOLUME RATE OF SYSTEM: 1000 CFM

DAILY OPERATION TIME: 3.0 hrs.

DIMENSIONS OF ROOM TO WHICH AIR IS RECIRCULATED

LENGTH	45	FT.
WIDTH	20	FT.
HEIGHT	20	FT.

NUMBER OF EMPLOYEES IN THE AREA — FULL TIME: ; PART TIME: 1

QUANTITY OF MAKE-UP AIR SUPPLIED TO AREA: 700 CFM

LIST SPECIFIC REASONS WHY SYSTEM CANNOT BE EXHAUSTED TO THE OUTSIDE

Dust particles will pollute outside air

COLLECTOR EFFICIENCY DATA: 80%

MAINTENANCE PROGRAM (DESCRIBE): Clean out approximately every three weeks

SOURCE OF MAKE-UP AIR: Windows and an open door-way

OTHER EXHAUST VENTILATION SYSTEMS IN THE AREA (DESCRIBE): 24 inch exhaust fan in outside wall

TITLE	SIGNATURE	PHONE	EXTENSION NUMBER
Ind. Engr. Supv.	S W Adams	382-6262	

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☑ REGION REPORT AND RECOMMENDATIONS ON REVERSE SIDE

APPLICATION NO.

REGION 1	DATE REC'D 8/22/69	BY A DeFeo
COMMITTEE	DATE REC'D	BY
REGION	DATE REC'D	BY
PLANT NOTIFIED	DATE NOTIFIED	BY

COMMITTEE ACTION: ☐ APPROVED ☐ DISAPPROVED ☐ APPROVED (CONDITIONAL)

CONDITIONS: unit

APPROVED
Pennsylvania Dept. of Health
Division of Occupational Health

9/4/69

(USE REVERSE SIDE FOR ADDITIONAL COMMENTS)

Considering limited operation, (3 hrs. per day) request is made for approval of this system. Wood as used here presents no problem. Micarata is listed in the Trade Name Index as a phenol-probably asbestos filled. Percentage of asbestos could not be determined. Considering its limit use, however, it does not present a problem here.

Pete De Fao

9/4/69

Discussed with W. Clutch on 9/4/69.
Approval OK.

J.S.

Regional Office EPA
AUG 21 1969
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INDUSTRIAL HYGIENE SECTION

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