FILE NAME: Westinghouse (WH)

DATE: 1969

DOC#: WH139

DOCUMENT DESCRIPTION: Barry Castleman Notes on WH Phila, PA, with 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. 5258 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., 1415 N. 4th St., Phila.

DENTIST - None

NURSE - None

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. Housakeeping 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)

RECEIVED
OCT 10 1969
PENNA. DEPT. OF HEALTH
INDUSTRIAL HYGIENE SECTION

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 96XX 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)	steel, iron dust	general vent.
Lathing)	cutting oil mist	
Drilling)	dermatitis	personal hygiene
Undercutting)		LEV to AR (see rec.
Shearing)		
Woodworking)		
Sawing)	wood dust	LEV to Ar (see rec.
Shaping)	noise	sporadic
Varnish dipping (tank not entered)	Westinghouse Benolite vapor mist, xylol vapor	general vent. " "
Bakeout oven	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	Fe oxide fume	LEV
Stainless steel 1200° elec		
Mild steel 1400° elec		
(Metco air jet spray) (metal rod in gun)		
Steam cleaning	humidity, heat	gen. vent.

Continued on page 2

KIN-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.; C.O. 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 - C.O. 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.

PA STATE ARCHIVES
Historical and Museum Commission

BY P. De Fao BIN JS

S 8/22/69 WINS 0

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

lar
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

PA STATE ARCHIVES

BUR - 18155

#1 PA STATE [illegible]

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
OCCUPATIONAL HEALTH

EACH SYSTEM REQUIRES SEPARATE APPLICATION

APPLICATION FOR APPROVAL OF AIR RECIRCULATION SYSTEM

DATE 8-20-,69

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	Classtle 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.

COLLECTOR EFFICIENCY DATA
80%

MAINTENANCE PROGRAM (DESCRIBE)
Clean out approximately every three weeks

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

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

QUANTITY OF MAKE-UP AIR SUPPLIED TO AREA 700 CFM

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

LIST SPECIFIC REASONS WHY SYSTEM CANNOT BE EXHAUSTED TO THE OUTSIDE
Dust particles will pollute outside air

TITLE
Ind. Engr. Supv.

SIGNATURE [signature]

PHONE
382-6262

EXTENSION NUMBER

FOR DEPARTMENTAL USE ONLY

APPLICATION NO.

REGION 1 DATE REC'D 8/26/69 BY [signature]

COMMITTEE DATE REC'D / BY

REGION DATE REC'D BY

PLANT NOTIFIED DATE NOTIFIED BY

☑ REGION REPORT AND RECOMMENDATIONS ON REVERSE SIDE

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

CONDITIONS:

APPROVED
Pennsylvania Dept. of Health
Division of Occupational Health

[signature] 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 Smith on 9/4/69.
Approved OK.

JTS.

RECEIVED
AUG 21 1969
Regional Office Lab.

RECEIVED
SEP 11 1969
PENNA. DEPT. OF HEALTH
INDUSTRIAL HYGIENE SECTION