FILE NAME: General Electric (GE)

DATE: 1971-1973

DOC#: GE200

DOCUMENT DESCRIPTION: GE Transport Equipment - BC Notes & 7 Docs [From PA Archive]

General Electric Transport Equipment

- 1972 application for approval of air recirculation system with asbestos dust as contaminant
- 1973 field reports – all asbestos operations moved to one area of Bldg 24 with local exhaust ventilation
- 1972 Sample and Laboratory report of asbestos dust – 0.28 – 0.82 f/ml
- 1971 complaint against working condition with signatures

COMMONWEALTH OF PENNSYLVANIA — EACH SYSTEM REQUIRES SEPARATE APPLICATION

606 West Second Street
Erie, Pa. 16507 — OCCUPATIONAL HEALTH

APPLICATION FOR APPROVAL OF AIR RECIRCULATION SYSTEM

TTC-5

DATE 10/23/ 72

PLANT NAME: General Electric, TTC

ADDRESS: 2901 East Lake Road

CITY AND ZIP CODE: Erie, Pennsylvania 16501

COUNTY: Erie

CONTAMINANTS COLLECTED: Dust from miscellaneous sanding operations on wood, metal, asbestos, or plastic parts.

LOCATION OF AIR RECIRCULATION SYSTEM (DEPARTMENT, BUILDING, ROOM, ETC.): M & P Laboratory, Building 14-1 Room 140-A

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

OPERATIONS	MATERIALS USED IN OPERATION (Amount Used Per Month Or Year) (Specific Ingredient)
10 inch belt sander	Wood, plastics, or metals
~~Miscellaneous Sanding Operations~~	

AIR RECIRCULATION SYSTEM INFORMATION

MANUFACTURER OF COLLECTOR: Torit

MODEL NUMBER: 54

TYPE COLLECTOR (Cloth, Cyclone, Elec., Press, Wet, etc.): Cloth

AIR VOLUME RATE OF SYSTEM: 150 CFM

DAILY OPERATION TIME: <1 hour

DIMENSIONS OF ROOM TO WHICH AIR IS RECIRCULATED

LENGTH: 15 FT.

WIDTH: 15 FT.

HEIGHT: 12 FT.

NUMBER OF EMPLOYEES IN THE AREA — FULL TIME: 0; PART TIME: 1

QUANTITY OF MAKE-UP AIR SUPPLIED TO AREA: CFM

LIST SPECIFIC REASONS WHY SYSTEM CANNOT BE EXHAUSTED TO THE OUTSIDE:

COLLECTOR EFFICIENCY DATA: Not available

MAINTENANCE PROGRAM (DESCRIBE): Shake filters each day of operations. Empty collector drawer when nearly filled.

SOURCE OF MAKE-UP AIR: Room connected permanently to other rooms by two unobstructed doorframes.

OTHER EXHAUST VENTILATION SYSTEMS IN THE AREA (DESCRIBE):

TITLE: Manager, Insulation & Non-Metals Laboratory

SIGNATURE:

PHONE: 455-5468 EXTENSION NUMBER: 2538

FOR DEPARTMENTAL USE ONLY — ☐ REVIEW REPORT AND RECOMMENDATIONS ON REVERSE SIDE

APPLICATION NO.

REGION	DATE REC'D	BY
COMMITTEE	DATE REC'D	BY
REGION	DATE REC'D	BY
PLANT NOTIFIED	DATE NOTIFIED	BY

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

CONDITIONS: Disapproved

(USE REVERSE SIDE FOR ADDITIONAL COMMENTS)

OFFICE OF THE DIRECTOR
JUL 7 1971
BUREAU OF HOUSING & ENVIRONMENTAL CONTROL

Department of Health
Harrisburg, Pa.

Gentlemen:

The undersigned employees of Building 63 at the General Electric Company in Erie, Pa. are entering a complaint against working conditions.

During the summer months the temperature in the center bay is nearly unbearable. They range from 80 to over 100 degrees depending on the outside temperature. This is due to inadequate exhaust facilities which does not allow the air to circulate.

We have complained to the management several times, but the conditions still exist.

Can anything be done about these conditions?

Yours truly,

George R. Light

Wm. [illegible]
Eugene Wiebe
[illegible]
Roger Mick
Tom Dahmen
Clarence R. Smith
Mike D. Boyer
[illegible]
[illegible]
Gene Trubenbacher
[illegible]
[illegible]
Bob Adam
Leonard Andersen
Dean Gibson
Lester Tanner
Gail W. Smith
[illegible]

SAMPLE
Property of Texas Water Development Board
Property must be returned or permission to dispose requested

RECEIVED
AUG 20 1971
PLANNING DEPT. OF TEXAS
INDUSTRIAL WASTE SECTION

ER 700.002 REV. 4/72

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OCCUPATIONAL HEALTH

PAGE 1 OF 1
REGION Erie
DATE COLLECTED 10/11/72
DATE SUBMITTED
DATE REC'D IN LAB 11/9/72

APP ELEMENT 3601

SAMPLE AND LABORATORY REPORT

COMPANY (Name) General Electric Co. (Address) 2901 East Lake Road Erie, Penna. 16531

PRODUCT MANUFACTURED OR SERVICE	MATERIAL SAMPLED	APPARATUS AND SUCTION SOURCE
Transformer equipment	Air Filter	Gilmont Flowmeter
COLLECTED BY	COLLECTION MEDIUM	ANALYSIS DESIRED
Leach - Vogel	Membrane Filter	Asbestos

OTHER SUBSTANCES PRESENT

COMMENTS

SAMPLE NUMBER	SAMPLING LOCATION AND OPERATION	AIR VOL.	LABORATORY RESULTS — Fibers per 3.5 microns
6-2309 / 1114	Operator Exposure - Bench Grinding - South end of workshop	154.20	0.55
6-2310 / 1115	Operator Exposure - Bench Grinding - North end of workshop	152.23	0.82
6-2311 / 1116	General Air - South end of workshop	162.24	2.61
6-2312 / 1117	Operator Exposure - Bench Grinding - South end of workshop	122.30	0.58
6-2313 / 1118	Operator Exposure - Bench Grinding - North end of workshop	117.16	0.94
6-2314 / 1119	General Air - North end of workshop	132.77	0.28
6-2315 / 1120	Blank	—	ND *
6-2316 / 1121	Blank	—	ND *

REPORT OF ANALYSIS

Note - Asbestos numbers changed at direction of Mr. Swain - 1/3/73

* Non detected

Counted to Phase contrast equivalent = 44.3
3 1/2 > 5 microns

ANALYSIS TIME
DATE FINISHED
DATE RECEIVED
ANALYSIS BY
CHIEF, LABORATORY SECTION
DATE TYPED
DATE MAILED

ERIE COUNTY DEPARTMENT OF HEALTH

OCCUPATIONAL HEALTH

FIELD ACTIVITY REPORT
(Occupational Health)

REGION VI
PROD MFG. OR SERVICE Transportation Equip.
DATE OF ACTIVITY 1/8/73

PLANT
General Electric Company

ADDRESS
2901 East Lake Road

ZIP CODE 16511

TELEPHONE 455-5466

PERSON INTERVIEWED
Hugh McBee

TITLE
Admin. Mgr. - OSHA

EMPLOYEES
MALE FEMALE TOTAL 242

IND. CODE 36

COUNTY 25

PUNCH CARD YES [ ] NO [X]

FOLDER YES [X] NO [ ]

N.S.N. YES [X] NO [ ]

PURPOSE: INVEST.; SURVEY; INSP.; PRELIM.; F.U.; CONF.; VISIT; OTHER

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

SAMPLES COLLECTED (NO. & KIND) TOTAL

DETERM. MADE (NO. & KIND) TOTAL

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

RECOMMENDATIONS AND REMARKS

SPECIFIC HAZARD OR CONDITION	WORKERS EXPOSED	RECOMMENDATIONS WRITTEN ... VERBAL	ACCOMPLISHED YES	NO	IN PROG

Foundry division was inspected.

Spot checks for noise showed levels possibly in excess of limit. Tremendous exhaust ventillation system throughout foundry.

No make-up air - negative pressure throughout exhaust system ineffective. John Smith to check copper, lead, zinc oxides and silica throughout foundry.

Follow up activity planned to determine possible Be exposure.

Attached control recommendations for cyanide the result of discovering several areas throughout plant that used acids and cyanides but had no emergency equipment or procedure.

[ ] OVER

BY Vogel, Chmielewski WINS 3.9

RIN

ERIE COUNTY DEPARTMENT OF HEALTH

OCCUPATIONAL HEALTH

FIELD ACTIVITY REPORT
(Occupational Health)

file

REGION VI
PROD. MFG. OR SERVICE Transportation Equipment
DATE OF ACTIVITY 1/29/73

PLANT
General Electric Corporation

ADDRESS: 2901 East Lake Road | ZIP CODE: 16511 | TELEPHONE: 455-5466

PERSON INTERVIEWED: John Smith & Ed Laidlaw | TITLE: Chemists

EMPLOYEES: MALE | FEMALE | TOTAL 10,500 | IND. CODE 36 | COUNTY 29

PUNCH CARD YES ☐ NO ☒ | FOLDER YES ☒ NO ☐ | N.S.N. YES ☒ NO ☐

PURPOSE: INVEST.; SURVEY; INSP.; PRELIM.; F.U.; CONF.; VISIT; OTHER

REASON: SELF-INIT.; P.O. REP.; COMPL.; REQUEST; SOURCE John Smith

SAMPLES COLLECTED (NO. & KIND) N/A TOTAL

DETERM. MADE (NO. & KIND) N/A TOTAL

MEDICAL – O.D. REPORTED, NO. & KIND N/A

RECOMMENDATIONS AND REMARKS

SPECIFIC HAZARD OR CONDITION	WORKERS EXPOSED	RECOMMENDATIONS (WRITTEN --- VERBAL)	ACCOMPLISHED: YES	NO	IN PROG.

John Smith was told to survey G. E. Foundry to evaluate employees exposure to contaminants adversely affecting workers.

John Smith wanted to know what to sample for and how to collect the contaminant.

Discussed potenbial problems discovered in the foundry during inspection of 1/8/73.

Also discussed the sampling procedures for silica, copper oxide, lead oxide, and zinc oxide, plus carbon monoxide, iron oxide and make-up air conditions.

Smith felt they had the capabilities to analyze samples using their A. A. Unit.

Also discussed who, how long, and where samples should be taken to provide a reliable indicator of workers exposure.

Mr. Smith & Mr. Laidlaw felt they had enough information to begin setting up a sampling program.

Reproduction of an Original Record
Please Check
ARCHIVES

BY Suroviec & Vogel WINS 2.0

☐ OVER

RIN

February 22, 1973

General Electric Company
2901 East Lake Road
Erie, Pennsylvania 16501

Attention: Mr. Hugh McBee, Jr.
Administrative Mgr. - OSHA

Gentlemen:

This is to acknowledge receipt of your applications for approval of air-recirculation systems A-38 through A-43.

Your applications will be reviewed and you will be notified of our decision.

Your cooperation in this matter is appreciated.

Henry J. Suroviec, Director
Division of Occupational Health

RJS/jw

RECEIVED
FEB 28 1973
APPROVED
Please Change

ERIE COUNTY DEPARTMENT OF HEALTH

OCCUPATIONAL HEALTH

FIELD ACTIVITY REPORT
(Occupational Health)

File

REGION VI
PROD. MFG. OR SERVICE Transportation Equip.
DATE OF ACTIVITY 3/5/73

PLANT
General Electric Company

ADDRESS	ZIP CODE	TELEPHONE
2901 East Lake Road	16511	455-5466

PERSON INTERVIEWED	TITLE
Hugh McBee	Admin. Mgr. - OSHA

EMPLOYEES MALE	FEMALE	TOTAL 10,500	IND. CODE 36	COUNTY 25

PUNCH CARD	YES ☐	NO ☒	FOLDER	YES ☒	NO ☐	N.S.N.	YES ☒	NO ☐

PURPOSE: INVEST.; SURVEY; INSP.; PRELIM.; F.U.; CONF.; VISIT; OTHER

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

SAMPLES COLLECTED (NO. & KIND) N/A TOTAL

DETERM. MADE (NO. & KIND) N/A TOTAL

MEDICAL — O.D. REPORTED, NO. & KIND N/A

RECOMMENDATIONS AND REMARKS

SPECIFIC HAZARD OR CONDITION	WORKERS EXPOSED	RECOMMENDATIONS WRITTEN - - - VERBAL	ACCOMPLISHED YES	NO	IN PROG.

McBee requested staff sit in on meeting of management to discuss engineering controls for asbestos exposures in building 24.

All asbestos operations to be moved to one area of building 24 and LEV provided to each operation.

LEV will enter collector - cyclone and bag house outside building.

☐ OVER

BY Vogel WINS 2.0

BIH

Castleman's AMMCO Chemical file
CD-ROM Document # AMMC 13 DATE 1971 - 73
w/c = with cover memo undated = 0

__ ARTICLE or __ ABSTRACT in:

__ Book __ Conference proceeding __ Magazine

__ Newspaper __ Scientific Journal __Trade Publ.

__ Conference Report from _____

__ Air Sampling Report GE "Trans Equip" in BA Archive

__ Letter __ Memo __ Notes of BC

__ Legal Deposition __ Legal or __ Public Testimony

__ Depo of Mountz, Exhibit _____

__ Meeting: __ agenda __ minutes __ attendee list

__ Product advertising __ Product literature

Recommended Practices for __ Employees or __Customers

__ Report, __ published or __ unpublished,
of __ Call, __ Meeting, or __ Inspection
by __UC, __ Consultants, __ Govt agency
or Other author = _____

Warning __ Literature __ Labels

✓ BC Notes + [redacted] 7 docs