

FILE NAME: General Electric (GE)

DATE: 1968-1971

DOC#: GE199

DOCUMENT DESCRIPTION: GE Service Shop - BC Notes & 5 Docs [From PA Archive]

General Electric Service Shop

- Nothing asbestos specific
- 1971 Inspection report
- 1969 compliance report
- 1969 Field Report
- 1968 Review of Application for approval of air recirculation system
- Other dusts, nothing on asbestos

401 Buttonwood Street
West Reading, Penna. 19602
June 9, 1969

General Electric Company
Housewares Division
1801 South 12th Street
Allentown, Pennsylvania 18103

Attention: Mr. Carl Swartz
Superintendent

Gentlemen:

During an inspection in your plant by Mr. John Garis, industrial hygienist, the following recommendations were made:

1. Keep the perchloroethylene bucket in the degreasing area covered when not in use.
2. Replace unapproved respirators with those approved by the United States Bureau of Mines for respiratory protection against nuisance and pneumoconiosis-producing dusts in the polishing shop.

In order to insure that the most benefit is derived from the use of respiratory protective devices and to prevent a false feeling of security, it is the practice of this office to suggest the use of only those devices which have been approved by the aforementioned agency.

For your information we are enclosing a copy of our Hygienic Information Guide entitled "Personal Respiratory Protective Equipment."

Please notify this office, in writing, of the steps you have taken to accomplish the above recommendations.

Thank you for your cooperation in this matter.

Very truly yours,

Kenneth M. Sacharov
Regional Industrial Hygienist
Division of Occupational Health

ENCLOSURE
Kmc:JG:fy
Enc.

RECEIVED
JUN 6 - 1932
U.S. DEPT. OF JUSTICE
RECORDS & COMM. DIV.

General Electric Apparatus Service Shop
4930 Butterfield Hollow Road
West Mifflin, Pennsylvania 15122

Conclusions:

1. A significant problem should not arise in exhausting only 558 cfm to the outside.
2. Rice dust, the contaminant collected, is a relatively hazardous material having a threshold limit value of 30 million particles per cubic foot.

Thank you for your cooperation in this matter. If we can be of any assistance or if you have any questions, please let us know.

Nicholas Farnick
Regional Industrial Hygienist
Region 7

2230

RECEIVED

Spine

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
OCCUPATIONAL HEALTH
COMPLIANCE REPORT

DATE January 31, 1969

RETURN THIS FORM TO HARRISBURG AFTER EXPIRATION OF INDICATED COMPLIANCE PERIOD

To: Industrial Hygienist, Region VI - West Reading

A Dilley day compliance clause has been inserted in the report sent

General Electric Service Shop
662 East Highland Street
Allentown, Pa.

Date of Report January 31, 1960

March 3,
(Feb., 1969)

DATE OF SURVEY - January 2, 1969

REPORT OF INSPECTION

A reinspection was made at this location on March 12, 1967

Recommendations were:

Complied with

Not Complied with

Remarks: COPPER AND ALUMINUM OXIDE FILMS

2. Require that the worker at the silver soldering operation conduct his activities in the booths used for the housing burnout operation,
or
install local exhaust ventilation at the silver soldering operation, preferably in the form of a movable duct which could be located directly over the lead being soldered.
3. Continue to purchase a non-cadmium containing silver solder.
4. Until Recommendation No. 1 is accomplished, require that workers engaged at the silver soldering operation wear U. S. Bureau of Mines approved respirators for protection against metal fume having a threshold limit value of 0.1 milligram per cubic meter of air or greater.
5. Establish a maintenance program for these respirators in accordance with Section 4C, Article 432.

... ..
... ..

26
10/10/1947

Signature

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John W. Jones

# Week 10: Physical I



MIN. 10007 REC. 12-67

REGION West Reading - II

PROD. MFG. OR SERVICE

Electric Motor Repair

DATE OF ACTIVITY 3/12/69

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF HEALTH  
OCCUPATIONAL HEALTH

FIELD ACTIVITY REPORT

EMPLOYEES

MALE

FEMALE

TOTAL 22

COUNTY

39

IND CODE

36

PLANT General Electric Service Shop

ADDRESS 668 East Highland Street, Allentown

ZIP

18103

PHONE

PERSON INTERVIEWED

Mr. Patti M. Ulgen

TITLE

Manager

PURPOSE: INVESTIG. SURVEY, INSPECT., PRELIM. F. U. CONF., VISIT.

REASON ALLEGED. O. O. REPR COMPL. REQUEST; SOURCE

| SPECIFIC HAZARD OR<br>CONDITION | WORKERS<br>EXPOSED | RECOMMENDATIONS |                    | ACCOMPLISHED |    |         |
|---------------------------------|--------------------|-----------------|--------------------|--------------|----|---------|
|                                 |                    | N               | WRITTEN --- VERBAL | YES          | NO | IN PROG |
| <u>On fume</u>                  | <u>22</u>          |                 | <u>See below</u>   |              |    |         |
|                                 |                    |                 |                    |              |    |         |
|                                 |                    |                 |                    |              |    |         |
|                                 |                    |                 |                    |              |    |         |

SAMPLES COLLECTED  
(NO. & KIND)

TOTAL

DETERM. MADE  
(NO. & KIND)

TOTAL

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

PUNCH CARD

YES ☒

NO ☐

FOLDER

YES ☒

NO ☐

REMARKS:

Follow up visit made to determine compliance with recommendations made subsequent to a 1/8/69 survey. Mr. Ulgen has sent a letter to C.O. outlining proposed plans. This company plans to relocate in the L.V.I.P. sometime this coming summer and plans are on the boards now for extensive ventilation not only at the areas that are currently exhausted but also at the area in question during the survey - the silver soldering operation.

Following is the status on the recommendations:

1. Require Ag soldering to be conducted in the housing burnout hoods or install additional L.E.V. - completed - A 36 pedestal fan has been installed behind the worker engaged at the soldering operation. The fumes will be blown into the L.E.V. at the impregnator. The IH feels this is sufficient for the time being. Soldering cannot be conducted at the housing burnout hoods because these are in constant use. During the F.U. visit such a setup, i.e. "blowing" the fumes into the impregnator L.E.V. appeared to be adequate.
2. Purchase non cadmium containing Ag solder. - completed - This company has always purchased a non Cd Ag solder.
- 3 & 4. UNB approved respirator and maintenance program. - completed - An order of PSA respirators are on hand with a supply of replacement cartridges. The respirators are also properly maintained.

Therefore of all 4 recommendations all of them have been accomplished. Mr. Ulgen also stated that the amount of time spent on Ag soldering has been cut down to a maximum of three hours/day at 30 minute intervals. If this company is not in a new building by August of 1969 more stringent ventilation control will be requested at that time.

J. Davis

1.3



*File*

OCCUPATIONAL HEALTH

401 Buttonwood Street  
West Reading, Penna. 19602  
December 27, 1971

General Electric Apparatus Service Shop  
Lehigh Valley Industrial Park No. 2  
Allentown, Penna. 18103

Attention: Mr. William Green  
Plant Manager

Gentlemen:

During an inspection of your plant by Mr. Craig S. White, industrial hygienist, it was observed that adequate local exhaust ventilation is not used to control atmospheric contaminants generated by Babbitting and large motor insulation burn-off operations.

In view of the foregoing, and in keeping with good industrial hygiene practice, the following recommendations are made:

1. Continue with your plans to install local exhaust ventilation at Babbitting and large motor insulation burn-off operations to prevent atmospheric contamination of the work environment.
2. Provide local exhaust ventilation at the abrasive blasting operation for motor stators.
3. Install local exhaust ventilation at all silver soldering operations to prevent employees' exposures to copper fume. (This recommendation was previously made in our January 31, 1969 report, which indicated that employees' exposures to copper fume exceeded the threshold limit value of 0.1 milligrams per cubic meter of air.)

Please advise this office of the steps taken to comply with the above recommendations.

SEARCHED

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