

FROM E. B. PARKER
ROCKDALE WORKS

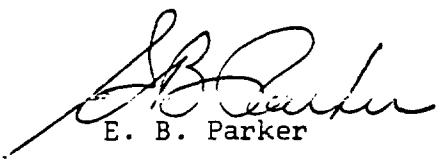
TO MR. R. C. HINKLE
PITTSBURGH OFFICE

May 7, 1973

ASBESTOS COMPLIANCE QUESTIONNAIRE

Attached you will find a completed copy of the captioned document. It describes, as best we can, our situation today.

If you have questions, please let me know.


E. B. Parker

EBP:ak
Attachment
Copies:

F. P. Bergeron, H. A. Bower, B. M. Starnes - Rockdale
A. E. Menke - Rockdale
H. N. Mueller - Rockdale
A. G. Clayton - Rockdale
D. D. McGregor - Rockdale
E. C. Remaley - Rockdale
J. O. Tesh - Rockdale
T. J. Randall - Rockdale

Medical exam program needed



ALCOA

LOCATION ROCKDALE WORKS

DATE May 7, 1973

ASBESTOS COMPLIANCE QUESTIONNAIRE

I. Industrial Hygiene, Page 1

1. Have you elected to have the respirable asbestos fiber sampling and/or counting done by non-Alcoans or by Alcoans? Discuss.

To be done locally by Rockdale Works Laboratory personnel.

2. Has the initial workplace environmental monitoring survey been conducted? If not, discuss.

Partially - Brick shed, Marinite sawing and Marinite machining areas have been sampled.

3. Has the initial personal monitoring survey been conducted?

Partially - Samples taken at brick shed and in Marinite sawing and machining areas.

4. Does your plant have the specified sampling equipment for both types of surveys?

Yes

5. If you plan to conduct the surveys and/or count fibers with your own people, are they presently capable? If not, what are your plans for reaching competency?

Yes

ASBESTOS COMPLIANCE QUESTIONNAIRE

Industrial Hygiene, Page 2

6. When is your next semiannual survey scheduled?
July, 1973. Initial survey is to be continued within next month.
7. Estimate the man-hours necessary to conduct your next survey, including counting.
Approximately 100
8. As a result of your observations and/or tests, have you identified areas which exceed the current standards? 1976 standard?
No, to both questions
9. Have you made provision for keeping the records of personal and environmental monitoring for at least the required 3 years?
Yes - All Laboratory test records retained indefinitely.
10. Have you had requests for access to such records by employees?
No.
11. If your plant has operations which require the use of approved (for asbestos) respirators, are such respirators in use where required?
No such areas have yet been identified. Respirators are used where need is suspected.
12. How would you rate your plants' general level of compliance in the wearing of respirators?
Tests to date have not revealed any areas where respirators would be required.

ASBESTOS COMPLIANCE QUESTIONNAIRE

Industrial Hygiene, Page 3

13. List the specific types of respirators in use and make comments as you wish about each.

See attached respirator selection chart.

14. Do you have areas where caution signs should be displayed?
How many? _____ Are signs displayed now? _____

None have been identified as yet. When initial survey is complete, appropriate signs will be posted.

15. Have you established procedures for approved disposal of asbestos wastes? Discuss.

Will follow OSHA requirements.

16. Do you have or foresee the need for providing special clothing for any of your workers because they work with asbestos?
If so, discuss.

No - Expect to substitute other materials for asbestos wherever possible.

17. Do you have or foresee the need for special change rooms and double lockering? If so, discuss.

No

18. Do you have or foresee the need for special laundering practices? If so, discuss.

No

LOCATION ROCKDALE WORKS

DATE May 7, 1973

ASBESTOS COMPLIANCE QUESTIONNAIRE

II. Medical, Page 1

1. Have you identified the areas where respirable asbestos fibers do or may, exceed the OSHA limits?

Yes

2. How many individuals have you found to be subject to the medical and monitoring provisions of the regulations?

Forty (40).

3. Have you conducted the first round of medical examinations, including chest X-rays, pulmonary function tests and clinical data including smoking habits? No

a. Number of employees examined in first round: None

b. Scheduled date of next annual examination: None

4. Are you conducting the preplacement examinations on individuals who will be exposed to asbestos fibers? No

How many such preplacement examinations have been made since the regulations became effective? None

5. How many subject examinations have been made upon termination of employment?

None

LOCATION ROCKDALE WORKS

DATE May 7, 1973

ASBESTOS COMPLIANCE QUESTIONNAIRE

II. Medical, Page 2

6. Have the results of examinations been evaluated?

No

7. Have you encountered any problems in getting individuals to undergo the examinations?

No

8. Have arrangements been made for keeping the medical examination records for 20 years?

Yes

9. Have you had requests for examination of the records by any of those persons who are given legal access?

No

LOCATION ROCKDALE WORKSDATE May 7, 1973

ASBESTOS COMPLIANCE QUESTIONNAIRE

III. Compliance, Page 1

1. List here a summary of the areas at your location which are now of concern because of asbestos. Estimate the date of compliance with Section 1910.93a, paragraph (b). If costs can be estimated, note them. No extensive cost study is required.

<u>Work Area</u>	<u>Estimated Compliance Date</u>	<u>Estimated Cost</u>
Mechanical Maintenance (Bldg. 44) (Bldg. 47)	9 months after RFA for new facilities is approved.	\$104,700
Ingot Department (Bldg. 34)	12-1-73 - Date by which all No. 352 cement should be flushed out of the system.	-0-
Potlining Demolition and Removal	2-1-76 - Date by which all asbestos pot insulation should be flushed out of the system.	-0-

LOCATION ROCKDALE WORKSDATE May 7, 1973

ASBESTOS COMPLIANCE QUESTIONNAIRE

III. Compliance, Page 2

2. List here (or attach sheets) the asbestos-bearing materials in use at your location. List briefly the uses for each. If such information has been prepared previously, simply attach copies.

<u>Material</u>	<u>Uses</u>
Marinite	Properzi spouts. HDC drop-in troughs. Trough dams. FDC ingot casting pot shells. FDC and HDC mold headers.
Asbestos Pipe Insulation	Steam pipes
Asbestos Cloth	Pot cover electrical insulation. Transite pipe joints. Fume duct joints. As pad cover when changing pot pluggers. As "back-up" material for gaskets.
Asbestos Packing	Water pumps and other equipment with packing glands.
Asbestos Washers	Insulation between superstructure and pot shell.
Asbestos Paper	Pot linings. Various insulation needs. Gasket between siphon and siphon head.
Asbestos Rope	Trough joints in Ingot. Ring furnaces in Carbon Plant Bus trenches in Potrooms.

ASBESTOS COMPLIANCE QUESTIONNAIRE

III. Compliance, Page 2 - continued

2. List here (or attach sheets) the asbestos-bearing materials in use at your location. List briefly the uses for each. If such information has been prepared previously, simply attach copies.

MaterialUses

Thermocouple Wire Insulation

Thermocouple leads

Asbestos Gloves and Mittens

Employees in Ingot, Potrooms,
Carbon Rodding and Atomizer

Transite Pipe

All pot fume collection ducts
from superstructure to main fume
duct.

Millboard

Pot step insulation where step and
bus touch.Portable handrails used by
Potlining crews in Lines 7 and 8.

Asbestos Fiberboard

Insulation between pot cradle
and pot shell

Silvabestos

Insulation of Properzi spouts

Asbestos tubing

Insulation for bolt-on pot
poker roller brackets.

LOCATION _____

DATE _____

ASBESTOS COMPLIANCE QUESTIONNAIRE

III. Compliance, Page 3

3. On succeeding forms entitled "Asbestos Compliance Status Sheet", discuss each work area of concern. Group identical areas. The form is intended to provide a history of progress as more information is added in the future.

LOCATION ROCKDALE WORKS

ASBESTOS COMPLIANCE STATUS SHEET

Work Area(s): Mechanical Maintenance - Bldg. 44 and Bldg. 47

Material(s) containing asbestos and the operation which causes fibers to be released:

Marinite machining (Bldg. 44); Marinite cutting and sawing (Bldg. 47)

General plan for reaching compliance (e.g. substitution of materials, wet working of materials, engineering controls, etc):

Centralize these operations so that all work will be performed under controlled conditions.

Date 5-1-73 Status:

RFA in Pittsburgh for approval

Date _____ Status:

Date _____ Status:

LOCATION ROCKDALE WORKS

ASBESTOS COMPLIANCE STATUS SHEET

Work Area(s): Mechanical Maintenance - steam pipes plantwide.

Material(s) containing asbestos and the operation which causes fibers to be released:

Asbestos steam line insulation

General plan for reaching compliance (e.g. substitution of materials, wet working of materials, engineering controls, etc):

Seek substitute material for this operation

Date 5-1-73 Status:

Purchasing Department is seeking substitute material.

Date _____ Status:

Date _____ Status:

LOCATION ROCKDALE WORKS

ASBESTOS COMPLIANCE STATUS SHEET

Work Area(s): Potlining Demolition and Removal - Building 27

Material(s) containing asbestos and the operation which causes fibers to be released:

Johns-Manville Superex insulation

General plan for reaching compliance (e.g. substitution of materials, wet working of materials, engineering controls, etc):

Johns-Manville is now supplying asbestos-free insulation. Estimate that since 2-1-73, no asbestos insulation has been installed. Estimate three years to flush old potlinings out of the system.

Date 5-1-73 Status:

No new linings installed with asbestos insulation since 2-1-73.
All dumping carried out on 12-8 shift during period of lowest area population.

Date _____ Status:

Date _____ Status:

ASBESTOS COMPLIANCE STATUS SHEET

Work Area(s): Ingot Department

Material(s) containing asbestos and the operation which causes fibers to be released:

Asbestos shorts (Johns-Manville No. 352) used in packing trough joints.

General plan for reaching compliance (e.g. substitution of materials, wet working of materials, engineering controls, etc):

Replacing No. 352 shorts with No. 375L which is asbestos free

Date 5-1-73 Status:

Purchase of No. 352 has been discontinued. Requirements being filled with No. 375L.

Date _____ Status:

Date _____ Status:

LOCATION ROCKDALE WORKS

ASBESTOS COMPLIANCE STATUS SHEET

Work Area(s): Ingot Department

Material(s) containing asbestos and the operation which causes fibers to be released:

Old trough linings containing asbestos shorts must be demolished before new linings can be installed.

General plan for reaching compliance (e.g. substitution of materials, wet working of materials, engineering controls, etc):

Substitute Johns-Manville 375L for Johns-Manville 352. During transition all trough linings will be soaked with water before demolition begins.

Date 5-1-73 Status:

Purchase of No. 352 Cement has been discontinued. New requirements being filled with No. 375L. Old linings should be flushed out by 12-1-73.

Date _____ Status:

Date _____ Status:

RESPIRATOR SELECTION CHART

[illegible]