E. B. PARKER ✓

ROCKDALE WORKS

MR. T. B. BONNEY

PITTSBURGH OFFICE

1978 August 31

PLAINTIFF'S EXHIBIT
AL-82

RE: ASBESTOS SURVEY

I have attached a completed Asbestos Survey form as you requested. It lists those asbestos-containing items which I found in our stores catalog as operating supplies. While the list includes most of the items regularly used at Rockdale, there may be special items which would show only on a spare parts list for specific equipment.

Mr. D. D. McGregor has also asked for information concerning specific smelting-related items and I have attached a copy of my reply for your information.

If you have any questions, please contact me.

E. B. PARKER

EBP:cw
Attachment

Copy - G. H. Lantz, Rockdale
D. D. McGregor, Pittsburgh

ALCOA

E. B. PARKER ✓

ROCKDALE WORKS

MR. D. D. McGREGOR

PITTSBURGH OFFICE

1978 August 31

RE: ASBESTOS SUBSTITUTE PROGRAM

Mr. G. H. Lantz has asked me to respond to your letter of 1978 August 22 concerned with asbestos substitutes in use at Rockdale. The information you requested is listed below. I have also included a copy of a similar survey just completed by Mr. T. B. Bonney in hopes that it might help in the effort.

1. Cradle to potshell insulation - Rockdale no longer uses asbestos millboard for this. Steel shims are now used. No particular problem reported.

2. Superstructure foot insulation - Rockdale uses Ebony board obtained from Joseph T. Ryerson in Houston. Ebony board does contain asbestos.

3. Pot cover insulation - Rockdale uses fiberglass cloth insulating material. The material is attached with the aid of a small rectangular washer made of Garlock gasketing material. The washer contains asbestos, but not the insulating strip. No particular problem.

4. Walkway grating insulation - Rockdale uses wooden insulation in Lines 7 and 8 and brick insulators in Lines 1-6.

5. Bus insulation - Original installation used transite bus spacers. However, none have ever been installed by operating or maintenance people. There are several micarta-type parts and a transite washer in the pot poker roller assembly. Transite, of course, contains asbestos, but the micarta does not.

6. Exhaust duct insulator - Rockdale uses transite pipe.

7. Exhaust duct gaskets - Rockdale uses only neoprene for expansion joint seals. The drawing calls for 1/16" thick asbestos gaskets, but these are not used. We do, however, use asbestos gasketing in fume collection fan housing assemblies.

8. Siphon gaskets - Rockdale uses J.M. Ceraform Heat Seal. The material is not as stable as asbestos millboard and breaks down when binder is burned out. It must be replaced more frequently than millboard.

COPY

ALCOA

9. Ladle and ladle seal - Rockdale does not vacuum tap, so no ladle lid seals are required.

I believe this answers your questions, but if you need more information, please contact me.

E. B. PARKER

EBP:cw
Attachment

Copy - G. H. Lantz, Rockdale
T. B. Bonney, Pittsburgh

YOU

ROCKDALE Works

Date 1978 August 31

ASBESTOS SURVEY

Item	Product Description[1]	Specific Application	Dept.	Dust Generated?[2] yes	no	Don't Know
1	Brake Linings	Crane and vehicle brakes	Mech. Maint.			X
2	Marinite, Pre-Cut	Molten aluminum casting	Ingot		X	
3	Transite Pipe	Potroom fume duct	Potrooms		X	
4	Thermocouples W/Asbestos Cover	Temperature measure/control	Elec. Maint.			X CHANGES TO NEW TYPE CHANGING AS REQUIRED
5	Electrical Wire W/Asbestos Cover	High temperature locations	Elec. Maint.			X AS REQUIRED NEEDS
6	"Garlock" Gasket Material	Miscellaneous gaskets plantwide	Mech. Maint.		X	
7	Asbestos Sheet Gasket Material	" " "	Mech. Maint.		X	
8	Silbestos Gaketing	Properzi spouts	Properzi		X	
9	Asbestos Tape Gasketing	Fume exhaust fan ~~hose~~ housing gaskets	Mech. Maint.		X	
10	Asbestos Dresser Cplg. Gaskets	A446 inlet piping joints	Mech, Maint.		X	
11	Graphited Braided Asbestos Packing	Miscellaneous packing applications	Mech. Maint.		X	
12	Teflon-Coated Braided Asbestos Packing	" " "	Mech. Maint.		X	
13	"Garlock" Packing Yarn	Valve packing - plantwide	Mech, Maint.		X	
14	Asbestos Rope - 5/8" and 1" Diameter	Molten metal trough joint packing	Ingot, Properzi & Atomizer		X	
15	Asbestos Mittens	Molten metal handling	Ingot, Properzi & Atomizer			X
16	EBONY ASBESTOS	SUPERSTRUCTURE FOOT INSUL. PAT COVER INSULATION	POTROOMS		X	

Note 1. List should include specifications for all asbestos products currently being purchased and used. It should not include previously installed asbestos materials that are still in place but for which non-asbestos replacements are currently being used.

Note 2. Should be answered in light of currently available information. A product will be considered capable of generating significant airborne concentrations of asbestos fibers if the measured or estimated fiber concentrations are in excess of 0.1 fiber per cc (eight-hour time-weighted average). In responding to this question, it will be necessary to consider the possibility of dust being generated not only during installation, but also during use and, where applicable, dismantling.

ARD 003788