

FROM R. K. MORROW

TO MR. T. B. BONNEY

MASSENA OPERATIONS

PITTSBURGH OFFICE

1978 August 25

AUG 30 1978

RE: ASBESTOS SURVEY

Attached is the recently completed Asbestos Use Survey requested in your letter of 1978 July 28. The survey was done during the months of July and August as part of an Industrial Hygiene Survey concerned with other hazards as well. It is the most complete listing we have had on asbestos use in the plant. The extent of use is surprising as I'm sure it will be in other plants. Some items, such as special spare parts or gaskets which come to us fabricated, I am not concerned about. Other applications which require sanding or cutting are serious and we are working toward elimination of these uses.

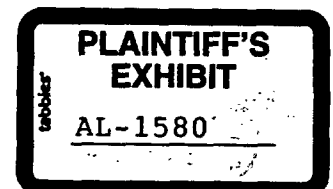
If you have questions, please contact me.

R. K. Morrow
R. K. MORROW

RKM:kdm

Attachment

cc: G. D. Hicks, Massena	30
H. Boudreau, Massena	7
J. R. Clark, Massena	1
P. T. Woerz	25



MASSENA OPERATIONS
ASBESTOS SURVEY

1978 August 24

NOTE:
030-280-0030 type numbers
indicate Stores stock

<u>Product Description</u>	<u>Specific Application</u>	<u>Dept.</u>	<u>Dust</u>
1. Brake Shoe and Lining Assembly	Garages - installation and removal of complete assembly on vehicles.	32	No
2. Roof Flashing - thick felt material contains asbestos	Construction & Maintenance - as flashing on edge of roof throughout plant. Cut with knife.	22	No
3. Tile, vinyl asbestos 030-840-0015	Construction & Maintenance - floor tile, offices throughout plant.	22	No
4. Hose, asbestos covered 1/2" 381-415-3024	Carbon Rodding - on cables on back of electromelt furnaces, heat protection.	91	No
5. Pot Covers, asbestos ebony 461-500-0XXX through 461-500-3XXX and 461-500-3408	Potrooms - insulation on bottom edge of cover on pots, various sizes.	83	NO
6. Asbestos Fabric Laminated Plastic Wear Key 511-200-4064 511-200-4065	Continuous Mill - used in coilers to protect metal.	15	NO
7. Wire, laminated plastic asbestos covered 047-865-0012	Electrical - wiring throughout plant; load thermocouples in Pyrometric shop.	91 & 44	Don't know
8. Transite Board Pieces	Chem. Lab. - cover of pyrotiltration furnace.	10	No
9. Transite Industrial Vent Pipe	Potrooms - section of exhaust duct on each pot.	83	No

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Product Description	Specific Application	Dept.	Dust
10. Insulator - Transite 491-650-4035 491-650-4037 (top cover) 491-650-4030 (container ring) 491-650-4036 (buss end)	Electrical - insulation - containers on 6,500-ton press in Extrusion.	44	No
11. Asbestos Woven Tape 1" x .015" 044-540-0010	Mechanical Maintenance - Remelt furnaces in Ingot, on metal end rod to keep it from overheating (graphite end goes into furnace); Ingot - plug furnaces (rarely); Electrical - Pyrometric - wrapping thermo- couples.	25 2 44	No No No
12. Asbestos Paper - 1" wide 044-440-0010	Electrical - substitute for 1" tape; Ingot - bottom block packing on 6" x 6" & 18-5/8". Fab. Shop, Machine Shop - protection of metal in welding (used wet).	44 2 23 & 25	No Don't know No
13. Asbestos Paper - 9" wide 044-440-0090	Ingot - packing on 6" x 6" & 18-5/8" ingots. Conductor Accessory - used in molds (risers). Machine Shops - protection in welding. Fab. Shops - protection in welding. Substitute for 9" (cut to size).	2 12 23 25	Don't know No No No
14. Asbestos Paper - 36" wide 044-440-0360			*
15. Asbestos Pad - (Fiber Donut) 070-604-0100	Merchant Mill - furnace tray liners, used in carriers for coils.	9	No
16. Asbestos Gaskets 070-345-0010 070-340-0010	Ingot - Header gaskets used on HDC to control metal flow (6 x 6 ingots).	2	Don't know

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3.

<u>Product Description</u>	<u>Specific Application</u>	<u>Dept.</u>	<u>Dust</u>
17. Durable Asbestos Gasket - 1/64" rigid material	Boiler House - cut to make gaskets.	27	*
18. Flexitallic Gaskets (Spirotallic) (stainless steel asbestos laminated)	Boiler House - used on steam valves and flanges.	27	No
19. Garloc Compressed Asbestos Gaskets	Boiler House - used on flanges of safety valves on boilers.	27	No
20. Gaskets, Manhole Asbestos 210-335-0001 (15" x 11") oval x 1" x 1/4" 210-335-0002 (16" x 12") oval x 1" x 1/4"	Boiler House - manhole size openings on boiler drums, water filters and water softeners.	27	No
21. Asbestos Mill Board Siphon Gaskets Drawing No. A-090212JM 210-337-2808 461-320-2400	Potrooms - used on P-75 & P-225 siphons.	83	Yes
22. Asbestos Fiber Gasketing - compressed sheet 210-230-0004 1/16"x126"x60" 210-231-0100 1/8"x127"x60"	Mechanical Maintenance - paper to cut own gaskets, used on steam lines.	25	*
23. Asbestos Paper Gasket 210-331-0040 210-331-0015 281-210-2402 281-190-2401	Mechanical Maintenance, Ingot Plant - Chlorine fluxing system. Furnace fluxing. Surface combustion burners.	25	No
24. Teflon-treated Asbestos Packing 210-620-0012 3/4"	Mechanical Maintenance - valve packing used on steam lines.	25	No

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4.

<u>Product Description</u>	<u>Specific Application</u>	<u>Dept.</u>	<u>Dust</u>
25. Lattice Braided Asbestos Packing 210-610-0010 5/8" sq.	Mechanical Maintenance - for air compressors and HP Steam	25	No
26. Asbestos Rope Packing 210-700-0012 3/4" 1/4' and 1/2" dia. rope Order MA-067452-MA MA-067453-MA	Mechanical Maintenance - valve packing -steam Ingot - packing between Ingot bottom blocks and molds.	25 2	No Yes
27. Braided Asbestos Gasket 461-320-6000 210-611-0100	Potrooms - P-225 siphon seat packing and crucible cover seal.	83	Don't know
28. Carloc 5161 Braided Asbestos Packing, Teflon-Treated Order MA-264342 (1/8" through 9/16" sizes)	Boiler House - stem packing	27	No
29. Asbestos Cloth 070-172-0100 070-172-0050	Furnace Operations - air seal on leg of waste gas manifold, carbon bake furnaces, Potlining - around exhaust duct on top of pots; bottom of collection bars of P-225 cathode blocks; shunt cover. Rodding - side shield on crucibles. Merchant Mill - line furnace racks. Mechanical Maintenance, Fab Shop, Machine Shop - protection when burning and welding.	65 85 91 9 23 & 25	No Don't know No No No
30. Graphited Asbestos Cloth Pads (Graphited Asbestos Sheet) 044-100-0004	Potlining - used between cradle and pot.	85	No

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<u>Product Description</u>		<u>Specific Application</u>	<u>Dept.</u>	<u>Dust</u>
31.	Asbestos Mill Board 044-100-0016 044-100-0010 044-100-0008	Ingot - heat shield on all units and portable burners. Electrical - heat protection of electrical equipment on furnaces, also used in electrical panels (cut in machine shop). Potlining - used between pot and cradle.	2 44 & 91 85	* * *
32.	Flame Guard Asbestos Mitt, wool lined 220-420-0030	Ingot - handling hot metal	2	Don't know
33.	Aluminized Asbestos Coats & Pants Order MA-067554-MA	Ingot - protection from metal flash and spill.	2	No
34.	Marinite Insulator 281-420-3408	Ingot - part for chip melter, side bay	2	No
35.	Marinite Mold and Cube Headers 070-361-0060 through 070-364-0190	Ingot - headers. Mold Conditioners - sanding of marinite headers in Mold Shop, Ingot Plant.	2 23	No Yes
36.	Marinite Float 070-235-0010 531-805-2190	Ingot - used for HDC sheet ingot tooling, 30 complex, level flow control, cast units.	2	No
37.	Miscellaneous Marinite 531-805-3XXX (series)	Ingot - spare parts for 30 complex - insulators, inserts, bearing housings, couplings, covers, etc.	2	No

*Possible dusting during fabrication.