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MAY 27 1976

SAFETY. DEPT.

From : HTD Manufacturing
WIN : 3950
Date : May 26, 1976
Subject: Asbestos Substitution

To: Messrs → M.P. Whittington, O-105
P. Weil, G-305
E.J. Flynn, O-105
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A.D. Rossi, N-215
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In compliance with the Asbestos Substitution Program the following substitutes will be made by Heat Transfer Division.

Stress Relief:

- a) The 3/8 asbestos sleeving, ID-951934, which is currently being used for insulating copper tubing and tying down the glass cloth blankets will be replaced with a 3/8 fiberglass braided sleeving. The new sleeving will be available from CEST under the identification number ID-951935.
- b) Because of the added cost of fiberglass sleeving, this material will no longer be used for securing the insulating blankets. As a substitute we will use 1.50" wide woven fiberglass tape, ID-952017.
- c) The asbestos cloth used for insulating will be replaced with fiberglass cloth, ID-539716. The fiberglass cloth will be available from HS-5 storeroom.



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Welding:

At present the shop is using asbestos rope ID-316776 to prevent the welding flux from sliding away from the electrode while welding nozzles in hemispherical heads. In place of the asbestos we are now conducting tests using rope like Kao-wool covered with stainless steel. It appears that this material will be an adequate substitute.

Gaskets:

I have talked with engineering about the Asbestos Substitute Program and brought to their attention gasket material which contains asbestos. The two types of material are 5/16 braid asbestos, ID-316794 and garlock. The braid asbestos material is being used for packing in seal oil coolers and the garlock gasket is being used in every apparatus we manufacture except condensers.

As of this writing, we have no substitute for garlock gasket material, as for the braid asbestos packing, Pacor Inc. may have an acceptable replacement which we are looking into.

We now have in stock one and a half (1 1/2) rolls of asbestos cloth and one (1) roll of 3/8 asbestos sleeving, it is our intention to deplete this inventory. All material used after this inventory depletion period will be the asbestos free substitutes for mentioned in this letter.

E J McCoy III

E.J. McCoy III
Mfg. Engineer

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