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V. E. Wright

September 17, 1970

R. C. Ericson

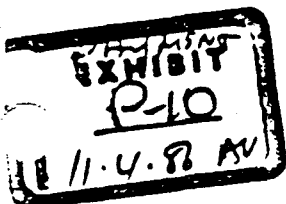
Manufacturing tests to evaluate
JM 7402 substitution for National 7RS

H. A. Brown
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W. Payment/Travelers Rest
J. Chapin/Travelers Rest

You have seen the information I have developed which indicates that we should get an improvement in Mono Kote yield when JM 7402 asbestos is substituted for National 7RS-2. I would like to take a step-by-step approach to evaluate whether we really do get yield improvements when the substitution is made at each Mono Kote manufacturing plant. If for no other reason, we need this information to justify a change in purchasing practice with National Gypsum.

I request that you make the following arrangements with all Mono Kote plants:

1. Instruct each plant currently using National asbestos to place its next order for either a car or a substantial quantity of JM 7402 for their next receipt of raw materials.
2. When the JM asbestos arrives, I would like to have two batches of Mono Kote manufactured with the National asbestos held back from the previous shipment. This will be immediately followed by two batches of Mono Kote manufactured from the newly arrived JM asbestos. This guarantees that the vermiculite type and density as well as the ZOU lot will be the same for all (4) batches.
3. I would like the mixer operator to make a special attempt to make sure that the mixer is completely unloaded prior to the four test batches and also at the end of Test No. 2 and test No. 4. This will mean that the reported yield will accurately reflect any changes that result from the asbestos substitution.
4. I would like the plants to report the following information on the raw materials used in the four test batches:
 - a. The Lot No., the supplier, and the plant measured wet time of the ZOU.
 - b. The type of aggregate (ore source, grade, type of furnace in which expanded) and average density.
5. I would like the following sampling procedures to be



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carried out:

- a. One bag from the middle of Run No. 2 (National asbestos) and one bag from the middle of Run No. 4 (JM 7402) properly identified to be shipped to Travelers Rest, attention Walter Payment. I would recommend that the sample bags of Mono Kote to be shipped to Travelers Rest be protected with an outer polyethylene bag to reduce the possibility of losing these samples through breakage.
 - b. A second set of similar samples, approximately 10 to 15 pounds, enclosed in a polyethylene bag (or other suitable container) packed in any available corrugated box and sent to my attention at Cambridge.
 - c. One set of samples of the ZOU and the asbestos (both kinds) should be packaged in the one pint ice cream cartons normally used in holding mortar for set time tests. These samples must have the covers securely taped in place. They should be inserted into the bags of product to be shipped to Travelers Rest prior to stitching the bags shut.
6. At time of shipping the samples to Travelers Rest and then in Cambridge, the plant should send me a report on yield, batch size, and information requested in No. 4 above. A copy of this report should go to W. Payment and should include information on shipping date and routing so samples can be traced if necessary.

R. C. Ericson

RCZ/abb