

Joan Holsen

LABORATORY COMMITTEE MEETING
September 6, 1962

Check E. R. L. or Stanley

1: AM.

INS. DIV.

Messrs:

R. W. Higgins ✓
T. S. Clousing ✓
K. T. Davis* ✓
J. W. Hosbein ✓
J. A. Buettgen ✓
T. J. Pohl* ✓
H. B. Speelman ✓
R. H. Priegel ✓
E. R. Marden ✓
R. B. Abell

ACS A.F. LIVOVICH

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"Portland Cement in Cyclic Heat Tests"

Gentlemen:

The meeting was called to order at 10:30 A.M. on September 6, 1962 in the Aurora Laboratory Conference Room. The next meeting will be held in the same place on October 4, 1962. J. A. Buettgen will be the next secretary of this body.

ACTION TAKEN ON REGULAR AGENDA

1. E17-A Plastic Refractory Tests

We received four sets of samples from manufacturers for Q.C. tests of shipments since the last laboratory meeting. We are presently conducting tests to determine exactly what happens to AirSet plastic when it is put directly in the drying oven rather than staying out for 24 hours before drying. The usual lab procedure is to dry all samples immediately after forming.

2. E30-A High Temperature Plastic Insulation cc will be sent EGM & HAR

A progress report dated 8/22/62 was issued and work is continuing. A report will be issued shortly covering thermal and physical data on the test materials.

3. E32-A Chemical Resistance

A complete report is still needed and we will try and finish this as soon as possible.

4. E33-A Bond Tests, IPB

The work has all been finished and a report will be forthcoming shortly. In view of the fact that this needs no further work we will change the priority to C and place this on the inactive list.

5. E34-A DriSeal Cement Tests

J. H. France Hydraulic setting mortar has been tested and found unsuitable for this usage.

6. E35-C Dumping Hearth Materials

A final report dated 8/21/62 was issued and this project is now placed on the inactive list.

PLAINTIFF'S
EXHIBIT

MHD-122

7. ES-B Comparative Competitive Testing

Cafco fireproofing is now here and we will obtain the temperature limit and shipping density of this material. *We would like to buy (not my) for man. PM to make out with the pol. TEMP - slide page*

8. E136B K Factor Equipment

The apparatus is working in in daily use. A final report will be written soon. Samples of competitive Block Insulations are here and will be tested. *KF 1120 2/3 or E136B1 next*

9. E29-B Gunclay Tests

A progress report on Kaiser "MonoGun" was issued on 8/21/62 and since no further laboratory work is required at this time we will place this item on the inactive list.

10. P3-B Super 711 Research

MARKET ANALYSIS UNDERWAY - also approval needed.
We are still trying to clarify the process of getting naval approval on our cement.

11. D2-B Pyrocast - WET GUN - BREAKS PERLITE - Poor coverage - FALSE SET NOT 32 K N Dry " - CAN'T ELIMINATE FALSE SET - POSS. BINDER LOSS.

The same comments as last months minutes still apply and the consensus of opinion was that regular Pyrocast is still the best. Work will continue to improve the architectural beauty but the priority is now changed to B. *NO CHANGE*

12. D19-B Block Adhesive for CalSil blocks

No progress

13. D17-C Calcretes

Material from field complaint met our advertised ~~XXXXXX~~ thermal specifications. The conclusion was that this was an unwitting misapplication of Calcrete 50. Lab work on this material is finished and we will then change the priority to C and place it on the inactive list.

Respectfully Submitted,

M.H. Detrick Co.
R&D LABORATORY

R.B. Abell