



THE STANDARD STATEMENT

Volume 2, Number 7
March 1981

A STANDARD LABORATORIES NEWSLETTER

COAL TESTING CONFERENCE ATTRACTS NEARLY 600

The Coal Testing Conference, the first of its kind in the coal testing industry, received warm response from attendees, speakers and exhibitors. The first annual conference, sponsored by STANDARD LABORATORIES, INC., attracted 566 individuals.

The conference was held in the beautiful Lexington Convention Center, which also houses the Hyatt Regency, in Lexington, KY, on March 2nd and 3rd.

Twenty-three speakers, experts in their fields, presented technical papers



Attendees listen to one of the several technical presentations at the Coal Testing Conference.

during the two-day program. A highlight of the conference was a reception hosted by STANDARD LABORATORIES, INC. and a banquet where Chuck Daly, Publisher of Coal Age magazine, was the keynote speaker. Mr. Daly spoke on the status of the coal industry.

Eighty-seven exhibitor personnel showed their wares for the 25 exhibiting firms in the exhibition hall, as well as sponsoring a coffee break for all the attendees. Most exhibitors expressed satisfaction with the results from their marketing effort.

Standard Laboratories will hold the 2nd Coal Testing Conference in early 1982 — the place and exact dates to be announced soon.



Charles H. Daly, Publisher of Coal Age magazine, gives keynote address.



Exhibitors presented the latest in testing equipment and state-of-the-art instrumentation.

HOW TO ORDER COPIES OF THE TECHNICAL PAPERS PRESENTED AT THE COAL TESTING CONFERENCE

To order your copy of the proceedings at the first annual Coal Testing Conference, just fill in this form and mail to us with your check for \$20.00 (\$19.00 + \$1.00 postage & handling). Make checks payable to "COAL TESTING CONFERENCE" and mail to: Coal Testing Conference, 3322 Pennsylvania Avenue, Charleston, WV 25302

Name: _____
Company: _____
Address: _____

Please send me _____ copies of the CTC proceedings. Enclosed is my check for _____. Included in the booklet are the technical presentations with graphics and/or pictures, where applicable, and the keynote address by Charles H. Daly, Publisher of Coal Age magazine. Softbound.

CTC BREAKDOWN OF ATTENDEES

Thirty-two states in the U.S., the District of Columbia, and Canada were represented at the first annual Coal Testing Conference. Out of the nearly 600 attendees, 27 were from Canada, and we appreciate the time and effort it took for our northern neighbors to join us. Another group, those from west of the Mississippi, was 63 strong. Again, it was nice having you travel so far to be with us. Hats off, also, to the 8 New Englanders and the 21 Southerners who made quite a trip to the CTC.

The rest of you? It was our pleasure to have you with us, from wherever you came. Thank you for making the first Coal Testing Conference such a great success.

We hope to see you back for the 2nd annual Coal Testing Conference. Watch for our announcement.

THE PURPOSE OF THE CTC

by Troy F. Stallard, Vice President and Chief Operating Officer of Standard Laboratories, Inc., an excerpt from CTC banquet speech to attendees.

We are gathered here because we have a huge responsibility -- and I do mean "huge". Nothing less than the continuation of progress in the world we know is at stake. Everyone recognizes the future of our countries is heavily dependent upon coal. Coal...must be used until abundant alternative energy sources can be identified and scaled up into massive production. We, in this room, have a very significant role to play in this scenario. Coal quality becomes increasingly vital as the demand for coal increases. More, better and faster results will be required in order to make effective real-time production/utilization decisions, and these are the basic decisions which will permit our society to move forward.

Secondly, our profession is becoming increasingly sophisticated and, to fulfill our responsibility, we have to keep up with technological changes. Accordingly, a conference is one vehicle to help accomplish this. We, as an industry, may have begun the task of upgrading our technology, but we have a long way to go.

In addition, let me say that, all in all, we simply must begin to do a better job to "get our act together" as the quality control segment of the coal industry. We must recognize that we are linked together professionally and that we should develop a sense of community in our segment of the coal industry. Let's hope that this conference is a symbol that we are on our way.

Coal Testing Conference

A SYMPOSIUM AND EXHIBITION

Sponsored by Standard Laboratories

February 16 & 17, 1982

Lexington Center, Lexington, KY

2ND ANNUAL CONFERENCE

Mark your calendar and plan to attend the 2nd annual Coal Testing Conference, Symposium and Exhibition February 16th and 17th at the Lexington Center, Lexington, Kentucky — the only national conference to recognize the coal testing industry and the significant role it plays in the coal industry.

Persons with interests and responsibilities in the quality control of coal will attend. Seventeen prominent speakers will present papers and panel discussions. At least forty exhibitors will display the latest equipment, supplies and services available to the coal testing industry.

AGENDA

Tuesday, February 16, 1982

- 8 a.m. Registration and Exhibit hall
- 9:00 **RAPID ANALYSIS OF COAL:** "Accelerated air drying methods in sample preparation," a panel discussion. Panelists: Richard A. Mullins, Old Ben Coal Co. and Gust Rudnik, Tennessee Valley Authority.
- 10:20 Exhibits and coffee break
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- 11:00 Presentation: "Experience with the application of the equilibrium moisture test to sub-bituminous and lignites," by J. A. Luppens, Phillips Coal Company.
- 11:30 Workshops by various exhibitors
- 12:00 Lunch
- 1:00 **INNOVATIONS IN ANALYSIS AND EQUIPMENT:** "Methods of calorimetry," a panel discussion. Panelists: Dr. Roger L. Blaine, E. I. DuPont de Nemours Co., Inc., Dr. Hans Sommerauer, Mettler Instrument Co., Art Johnson, Research Director, Pan Instrument Co.
- 2:30 Exhibits and break
- 3:00 Presentation: "Using the oxygen bomb to prepare coal samples for the determination of trace metals by atomic absorption spectrophotometry," by Peter C. Lindahl, Exxon Production Research Company.
- 3:30 Presentation: "Formulas for calculating the heating value of coal and coal char development, tests and uses," Dr. A. T. Talwalkar, Institute of Gas Technology.
- 4:00 Workshops by various exhibitors.
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- 5:00
- 6:30 Cocktail hour, sponsored by Standard Laboratories, Inc.
- 7:30 Dinner, with an address by Carl E. Bagge, President, National Coal Association.

Wednesday, February 17, 1982

- 8 a.m. Exhibit hall opens
- 9:00 **SAMPLING OF COAL:** "Time-based and mass-based sampling," a panel discussion. Panelists: J. J. Ellis, Peabody Coal Co., John W. Harrison, Ramsey Engineering Co., Art McCabe, Consumers Power, and James A. Redding, J. A. Redding Co.
- 10:30 Exhibits and coffee break
- 11:00 Presentation: "Process sampling, EPRI Coal Clearing Test Facility," by Ray W. McGraw, Electric Power Research Institute.
- 11:30 Workshops by various exhibitors
- 12:00 Lunch
- 1:00 **QUALITY CONTROL METHODS:** "Running replicate samples as contrasted to other quality control methods," a panel discussion. Panelists: Mick Samples, Standard Laboratories. Another panelist to be announced.
- 2:20 Presentation: "The rebuilding, operation and advantages of an experimental movable wall coke oven," by C. T. Ingraham and Richard Rice, Westmoreland Coal Co.
- 3:00 Presentation: "A simplified method of determining the T_{250} temperature of molten coal ash," by Dr. Alfred E. Kober, Apollo Technologies.
- 3:30 Workshops and exhibits
- 5:00

Call the Coal Testing Conference
at 304-343-5173.

For room reservations contact:

HYATT REGENCY LEXINGTON

Convention Reservations Dept.
400 W. Vine St.
Lexington, Kentucky 40507
Dial Direct 606-253-1234 or
Toll Free 1-800-228-9000

YES, I PLAN TO ATTEND  COAL TESTING CONFERENCE

REGISTER TODAY

Join the professionals in coal testing, quality control, production, utilization and research at the 1982 Coal Testing Conference. Register today. The fee for each person (\$75 U.S.) covers all technical presentations and panel discussions, admission to the exhibit hall and workshops, luncheon, a complimentary and transport sponsored by Standard Laboratories, and one night of the proceedings.

The deadline for registration is Jan. 15. Make plans to join the coal testing industry in Lexington.

Please (204) 343-5173

NAME _____

COMPANY _____

ADDRESS _____

CITY _____

STATE _____

ZIP _____

Please check payment in Coal Testing Conference



THE STANDARD STATEMENT

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Volume 3 Number 6 February 1982

SECOND COAL TESTING CONFERENCE ATTRACTS NEARLY 700 PEOPLE

Over 660 people from the United States, Canada and four other nations attended the second annual Coal Testing Conference held in Lexington, KY on February 16 and 17. The Coal Testing Conference, a division of Standard Laboratories, Inc., provides a forum for people involved in the coal industry to share information about coal testing.

The two-day conference included panel discussions, presentation of individual papers, an exhibition, workshops by exhibiting firms, and a banquet and cocktail party.

PANEL DISCUSSIONS

Four panel discussions were highlighted at the conference as means of discussing the differing views on some relevant topics in today's coal testing industry. Each panel discussion was followed by audience participation through question and answer sessions.

- Procedures for rapid moisture determination and the industry's need for even quicker results was the subject of the first panel discussion. Panelists were Dick Mullins, Old Ben Coal Co., and Gust Rudnik of Tennessee Valley Authority.
- Papers on methods of calorimetry were presented by the next group of panelists, which included Art Johnson, Parr Instrument Co.; Hans Sommerauer, Mettler Instrument Co.; and Roger Blaine, E. I. DuPont De Nemours Co.



Mass-based and time-based mechanical sampling of coal was the subject of another panel discussion. On the panel were Jack Ellis, Peabody Coal Co., Jim Redding of J. A. Redding Co., Jack Harrison of Ramsey Engineering, and Art McCabe of Consumers Power. . . . See Page 2, Column 1

CONFERENCE, CONT'D. . .

- The fourth panel, with panelists Mick Samples of Standard Laboratories, Inc. and Hank Rutkowski of Cleveland Illuminating, was a discussion of quality control methods in the laboratory and the purpose of running replicate analyses.

PRESENTATIONS

Six individual speakers also presented papers of interest to the coal testing industry. They included:

- Equilibrium moisture test, by J. A. Luppens, Phillips Coal Co.
- Oxygen bomb preparation for trace metals by AAS, by Peter Lindahl, Exxon Production Research Co.
- Formulas for calculating heating value, by Dr. A. T. Talwalkar, Institute of Gas Technology
- Process sampling at EPRI, by Ray W. McGraw, Electric Power Research Institute
- Experimental movable wall coke oven, by Clyde Ingraham, Westmoreland Coal Co.
- T_{250} temperature of molten coal ash, by Dr. Alfred E. Kober, Apollo Technologies

WORKSHOPS AND EXHIBITS

A new feature at this year's conference was workshops by exhibiting firms. Parr Instrument Co. held a workshop both days of the conference on maintenance and operation of their calorimeter. Perkin-Elmer Corp.'s workshop, on the second day of the conference, was a presentation on elemental and thermoanalytical methods of coal analysis.

Over 100 exhibitor personnel, representing 43 firms, were present to show the latest instrumentation and apparatus for the coal testing industry. Displays included laboratory equipment, supplies, and sampling and preparation equipment.

. . . See Page 3, Column 1



Panel discussion on sampling



Panelists Harrison and McCabe

PARTY AND BANQUET

At the end of the first day's formal program, Standard Laboratories, Inc. hosted a cocktail party for all conference attendees as a kick-off for social activities. The cocktail party was followed by the annual conference banquet.

The keynote speaker at the banquet was Dr. Joseph F. Yancik, Vice President - Research, National Coal Association. Yancik spoke on opportunities in today's coal testing world and the important role of the coal analyst. "In the coming years coal analysts will be asked to unlock coal's answers, and to help the United States answer a host of crucial questions. . ." said Yancik. "In using the world's most abundant, more versatile energy resource, coal. . . a heavy responsibility falls on your shoulders -- the men and women who can unlock the mysteries of coal -- to find better and more productive ways to use it. You, the coal analysts, are an integral part of this new energy frontier," he said.

PROCEEDINGS

Printed proceedings of the Coal Testing Conference will be available the first of March. The proceedings include the panel discussions, papers, question and answer sessions, and the keynote speech. Everyone who attended the conference will automatically receive a copy of the proceedings when they are available. Otherwise, the soft-bound proceedings booklet is \$20 (U.S.). Make checks payable to Coal Testing Conference. An order form is provided below for your convenience.



Berchtold welcomes conference attendees

SURVEY

Post-conference survey results will be shared with you in a future newsletter.

COAL TESTING CONFERENCE

A SYMPOSIUM AND EXHIBITION SPONSORED BY STANDARD LABORATORIES

PROCEEDINGS ORDER FORM

(\$20 per copy)

Please send _____ copies of the proceedings from the second annual Coal Testing Conference. Enclosed is my check for _____ made payable to Coal Testing Conference.

Name _____

Title _____

Address _____

Phone _____

CQ IS OFFICIAL CONFERENCE PUBLICATION

The Journal of Coal Quality hosted the coffee and beverage area in the exhibition hall during the Coal Testing Conference. CQ's exhibit space provided a meeting place, where people could comfortably meet and have a cup of coffee and a conversation.

The Journal is the official, year-round publication of the conference. The March issue is currently in production. But, news is being solicited for the upcoming June issue -- deadline for copy is April 22nd.

Share your business news. Communicate important personnel changes. If you have a news item, give the folks at The Journal a call and arrangements will be made to get your news into print. Call Karen Gallagher or Joe Long at 304-343-5185.

MODERATORS COME FROM STANDARD

The panel discussion moderators at the Coal Testing Conference, all from Standard Laboratories, were responsible for the coordination of their respective panel, introduction of the panelists and subject, and the regulation of the question and answer sessions. The moderators and panels were:

- Rapid Analysis: Gladys Berchtold, Board Chairman
- Calorimetry: Homer Coombs, Manager-Business Development
- Sampling: Dick Kelly, Vice President, Technical Services Div.
- Quality Control: Dr. Earl Weir, Quality Assurance Manager

THANK YOU

The Coal Testing Conference Division of Standard Laboratories, Inc. thanks each of you for your attendance and for helping make the second annual Coal Testing Conference such a success. If we can be of any further service to you, please call Conference Manager Karen Gallagher at 304-343-5185.