
TESTING FORUM

ASTM Symposium on Asphalt Emulsions to be Held

ASTM Committee D-4 on Road and Paving Materials sponsored a symposium on Asphalt Emulsions on 7 Dec. 1988 in Phoenix, Arizona. The symposium chairman was Harold Muncy, Elf Aquitaine Asphalt, Inc., Terre Haute, Indiana. For further information call Beth Moran, ASTM (215/299-5517). The program for the symposium follows.

Wednesday, 7 December

7:00 P.M.: Introduction

7:15 P.M.: "Laboratory Test Methods and Field Correlations for Predicting the Performance of Chip Seals." Improved design, laboratory, and field procedures are needed to identify all the variables to reduce chip loss and enhance the performance of chip seal surface treatments. Field and lab results will indicate how laboratory procedures correlate to field performance. G. L. Paulsen, J. A. Epps, D. E. Newcomb, M. Stroup-Gardiner, University of Nevada, Reno; and R. L. Tarrel (consultant, Edmonds, WA).

7:45 P.M.: "Towards Understanding the Behavior of Grave Emulsions by means of Laboratory Study." Grave emulsion is a particular form of cold mix bituminous material which has been widely used in France and Spain for 30 years. The American classification is that of a dense graded cold mix. Laboratory analysis of this material is discussed. M. J. Brennen, M. Huet, J. F. Rafor and J. L. Paule, LCPC, France.

8:15 P.M.: "A Method for Classifying Emulsified Recycling Products." A classification system for selection and use of emulsified recycling agents is reviewed. The system is presented to aid in the selection based on both laboratory and field experience. S. G. Muncy, Elf Asphalt, Inc.

8:45 P.M.: "Mix Design Practices for Cold In-Place Recycled Pavements." Oregon has undertaken a study to develop an improved mix design procedure, improved guidelines, and improved specifications for cold in-place recycled pavements. R. G. Hicks, Oregon State University, Corvallis, Oregon, and D. Allen, Oregon State Highway Division, Bend, Oregon.

9:15 P.M.: "Asphalt Emulsion Slurry Seal." This report evaluates the potential to extend the life of an existing moderately traveled pavement using a two-course asphalt emulsion slurry seal. R. F. Baker, New Jersey Department of Transportation, Trenton, New Jersey.

9:45 P.M.: "Polymer Modified, Quick Traffic MacroSurfacing Emulsions." The use of quick breaking, rapid-strength developing emulsion cold mix to reprofile rutted pavements and apply thin overlays to new or existing surfaces. G. H. Reinke, Koch Materials Co., Saint Paul, Minnesota.

10:15 P.M.: "Evaporation—Filtration Test for Emulsion Inversion." A new evaporation-filtration test has been developed which characterizes asphalt emulsions by inversion point. Emulsions are usually oil-in-water type and have certain characteristics and the point at which this conversion to water-in-oil occurs is important. J. L. Marchal, Esso Research Center, Mont-Saint-Aignan, France.

Symposium to Honor Professor

A symposium to honor Professor Ben C. Gerwick, Jr. will be held on 16–17 Jan. 1989 at the Bechtel Engineering Center of the University of California, Berkeley, CA 94720. The symposium will be entitled, "International Experience with Durability of Concrete in Marine Environment." For further information contact Professor P. K. Mehta at the Civil Engineering Department (723 Davis Hall) of the University.

TESTING FORUM

New Chairman Elected for ASTM Committee on Concrete and Concrete Aggregates

Joseph E. Galloway, Jr., Virginia Department of Transportation (VDOT), Richmond, Virginia, was elected chairman of Committee C-9 on Concrete and Concrete Aggregates. He will serve a two-year term leading the 515-member standards-writing committee.

A resident of Mechanicsville, Galloway received his B.S. in physics from the University of Richmond in 1949. He joined VDOT in 1950 as a lab technician and became head of the concrete lab in 1958, assuming his present title in 1968.

Galloway is a member of ASTM Committee C-1 on Cement and is chairman of Subcommittee D04.30 on Methods of Sampling. In addition to his ASTM contributions, Galloway has been president of the Virginia Society for Mentally Retarded Children since 1977, a former member of the Virginia Chapter of the Military Order of World Wars, and is also a member of several committees associated with VDOT.

Committee C-9 on Concrete and Concrete Aggregates is one of 140 ASTM technical committees. Organized in 1898, ASTM (American Society for Testing and Materials) is one of the largest voluntary standards development systems in the world.

Papers Needed for Symposium on Petrography Applied to Concrete and Concrete Aggregates

Papers are needed for a symposium on Petrography Applied to Concrete and Concrete Aggregates, to be held in June 1989 in St.

Louis, Missouri. The symposium is sponsored by ASTM standards-writing Committee C-9 on Concrete and Concrete Aggregates and its Subcommittee C09.02.06 on Petrography of Concrete and Concrete Aggregates.

Papers are invited on the following topics:

1. The history of petrography as associated with concrete and concrete aggregates.
2. The application of petrography in ASTM and other standards and documents.
3. The factors influencing concrete performance as determined using ASTM practice C 856 "Petrographic Examination of Hardened Concrete" and the use of methods outlined in C 856 in resolving concrete and concrete aggregate problems.
4. Case histories where C 856 methods were the primary investigative techniques.

Prospective authors are requested to submit a title, a 200 to 400 word abstract, and the ASTM Paper Submittal Form to Dorothy Savini, ASTM, 1916 Race Street, Philadelphia, PA 19103. For Paper Submittal Forms, call Ms. Savini at 215/299-5413. Additional information is available from Symposium Chairman Bernard Erlin, CEO—Petrographer, Testwell Craig Erlin Associates, Inc., 47 Hudson Street, Ossining, NY 10562.

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Cement, Concrete, and Aggregates

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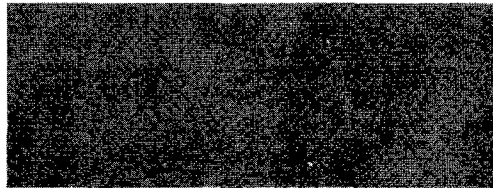
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ASTM Committee C-1 on Cement

Scope

The development of specifications, methods of test, recommended practices, and definitions of terms for hydraulic-cements, including portland, natural, pozzolanic, masonry and slag cements, and modifications of the foregoing, and combinations during manufacture thereof; the investigation of the properties of hydraulic cements and the promotion of improvement and uniformity of testing and using these materials; joint sponsorship, with ASTM Committee C-9 on Concrete and Concrete Aggregates, of the Cement and Concrete Reference Laboratory, a cooperative project of the Government and ASTM.

Officers

Chairman: R. E. Philleo, 7420 Annanwood Court, Annandale, VA 22003

Vice-Chairman: R. E. Galer, Galer Co., Inc., P.O. Box 7014, Hanover Park, IL 60103

Secretary: Karl Hauser, Edward C. Levy Co., 9300 Dix Ave., Dearborn, MI 48120

Membership Secretary: Ronald F. Gebhardt, Lehigh Portland Cement Co., 718 Hamilton Mall, Allentown, PA 18105

ASTM Committee C-9 on Concrete and Concrete Aggregates

Scope

The assembling and study of data pertaining to the properties of portland cement concrete and its constituent materials, including the study of effect of characteristics of materials and mixtures upon the properties of concrete; the development of methods of test for concrete and for the constituent materials of concrete (except cement), as well as for certain related materials, such as materials used in curing; the formulation of standard specifications for the constituent materials of concrete (except cement) and for concrete itself (subject to suitable interpretation of the term "concrete"). The scope of Committee C-9 does not include the field of design and construction of concrete structures except insofar as references need to be made to construction methods in special cases of concrete as "over-the-counter" materials.

Officers

Chairman: J. E. Galloway, Jr., Virginia Department of Highways, 1221 East Broad St., Richmond, VA 23219

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