

Attachment No. 8

Minutes of ASTM B02.11 meeting, ASTM Headquarters, October 25, 2005

Attendees: E. Sproles, Chair, J. Aronstein (by Phone) , J. Chao (by phone), Steve Cole (by phone), J. Rau, J. Adkins (ASTM)

The meeting was called to order by E. Sproles at 10:30 AM, but due to some telephone problems actual work began about 11:00. The minutes of the previous meeting were reviewed briefly and accepted as published. The meeting agenda was reviewed with several additions.

Membership items: No reported changes.

Subcommittee/main committee ballot results were reviewed. The following ballot items were all approved with no negative votes or comments. The committee thanks all of those who created, reviewed and/or revised the documents.

- Reapproval of B576-94(1999) Standard Guide for Arc Erosion Testing of Electrical Contact Materials—John Kuzmech
- Reapproval of B896-99 Standard Test Methods for Evaluating Connectability Characteristics of Electrical Conductor Materials - Jesse Aronstein
- Revised version of new standard “Standard Guide for Specification and Quality Assurance for the Electrical Contact Performance of Crimped Wire Terminations”: Jesse Aronstein
- Revision of B735-95(2000) Standard Test Method for Porosity in Gold Coatings on Metal Substrates by Nitric Acid Vapor (Jack Rau, Simeon Krumbein)
- Withdrawal of B741-95(2000) Standard Test Method for Porosity In Gold Coatings On Metal Substrates By Paper Electrography (Jack Rau, Simeon Krumbein)
- Reapproval of B798-95(2000) Standard Test Method for Porosity in Gold or Palladium Coatings on Metal Substrates by Gel-Bulk Electrography(Jim Chao, Simeon Krumbein)
- Reapproval of B799-95(2000) Standard Test Method for Porosity in Gold and Palladium Coatings by Sulfurous Acid/Sulfur-Dioxide Vapor(Jack Rau, Simeon Krumbein)
- Revision of B913-00e1 Standard Test Method for Evaluation of Crimped Electrical Connections to 16-Gauge and Smaller Diameter Stranded and Solid Conductors (Ed Sproles, Jesse Aronstein)

Reports:

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B615-79(2000) Standard Practice for Measuring Electrical Contact Noise in Sliding Electrical Contacts. This standard is due for review this year. Steve Cole reviewed the standard and reports that it is basically and technically acceptable as is. However, as noted earlier, the section on apparatus should probably be revised to update the instruments described. Steve will work on a proposed revision to update the instrumentation suggested in the standard.

At the last meeting Simeon reported that committee B1 has a project, WK5820, on silver coated copper wire. At present, a scope has been written. The subcommittee agreed to appoint Simeon as liaison to this activity. B02.11 would have some interest in the activity if it addresses connectability issues. Simeon was not able to attend this meeting so there is no official update on the project.

Jesse Aronstein reported on interest expressed in B868 in response to his talk at the Holm conference. He had discussions with several persons including Bob Malucci. Jesse will work on a possible revision to parallel work by Malucci. He also raised a question as to whether software that would analyze test data and output the classification could be incorporated in the standard. Jeff responded that it is possible to include software as an adjunct to a standard.

Staff Report:

The May meeting of Committee B02 will be held May 15 Toronto. We considered meeting with the whole committee. However, the active participants find the teleconference and Headquarters to be a more convenient site. Jeff discussed the possible use of a virtual meeting using the web and telephone. We have agreed to try it next time for those participants equipped to use it.

Next Meeting:

It was agreed that the next meeting will be held at ASTM Headquarters on Tuesday, May 2, 2006, at 10:30 AM, with persons not nearby encouraged to join by phone for a virtual meeting. Jeff will arrange for a computer in the meeting room so all can view items being worked upon.

New Business:

Two standards are due for periodic review next year.

- Jim Cho agreed to review B920 on porosity by the hypochlorite method.
- Ed Sproles agreed to review B810 on test calibration by copper coupon mass gain.

We received a request from John Malmgreen, chair, B02.91 Terminology subcommittee to review the relation between B542 and B899. We noted that the terms "contact resistance" and "contact resistance probe" are defined in B899 and probably should be in B542 under the present structure. Jesse and Steve agreed to look at the issue and propose a resolution.

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We agreed that the term "crimp" which is used in two standards should be added to B542. Jesse and Ed will work on this item.

We agreed that the term gold flashed palladium, which is used in B735, should be defined in the terminology section of B735. Jack and Ed agreed to make a proposal

The meeting was adjourned at 11:55.

Submitted by

Ed Sproles