

Attachment No. 9

Minutes of ASTM B02.11 meeting, ASTM Headquarters, May 5, 2005

Attendees: E. Sproles, Chair, J. Aronstein, J. Chao (by phone), Simeon Krumbein, J. Rau, J. Adkins (ASTM)

The meeting was called to order by E. Sproles at 10:15 am with introduction of the attendees. Following introduction of attendees, the minutes of the previous meeting were reviewed briefly. There were no corrections or additions, and the minutes were accepted as published. The meeting agenda was reviewed with no changes.

Membership items:

Regretfully, Arthur Cohen has been removed from membership by death. The subcommittee appreciates his contributions.

Subcommittee/main committee ballot results were reviewed. Two standards were to be balloted but were inadvertently omitted from the main committee ballot. Jeff will see that they are put on the next ballot:

- B576-94(1999) Standard Guide for Arc Erosion Testing of Electrical Contact Materials—ballot for reapproval without change.
- B896-99 Standard Test Methods for Evaluating Connectability Characteristics of Electrical Conductor Materials-- ballot for reapproval without change.

Two standards were balloted for revision on the recent B02 ballot. They passed without comment or negative:

- B827-97(2003) Standard Practice for Conducting Mixed Flowing Gas (MFG) Environmental Tests. Ballot revision prepared by Jack Rau.
- B808-97(2003) Standard Test Method for Monitoring of Atmospheric Corrosion Chambers by Quartz Crystal Microbalances. ballot revision prepared by Ed Sproles

New Standard:

On subcommittee ballot B02.11 (05-01) new standard: "Standard Guide for Specification and Quality Assurance for the Electrical Contact Performance of Crimped Wire Terminations" received no negative votes and one comment. During the meeting, the comments were discussed and the draft updated. Jesse will submit a revised draft for sub/main ballot.

Standards being reviewed:

A number of standards are due for review this year, and have been examined in preparation for this meeting. The following reports and actions were taken at the meeting:

- B615-79(2000) Standard Practice for Measuring Electrical Contact Noise in Sliding Electrical Contacts. Steve Cole reviewed this standard and reports that it is acceptable as is. However, as noted earlier, the section on apparatus should probably be revised to update the instruments described. Steve indicated in an email message that he expects to have some time to work on it in the next several months. We agreed that we encourage Steve to propose an updated version, and therefore we shall hold off on further action pending additional information from Steve.
- B735-95(2000) Standard Test Method for Porosity in Gold Coatings on Metal Substrates by Nitric Acid Vapor. Jack Rau and Simeon Krumbein report that the standard is in use and should be reapproved. During a discussion of the applicability of the standard to thinner coatings it was agreed that the limitations noted elsewhere in the standard should be included in the scope statement. Jack

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Rau will propose a revised scope statement and the standard will be balloted (sub/main) for revision. Jeff will enter a work item for this project.

- B741-95(2000) Standard Test Method for Porosity In Gold Coatings On Metal Substrates By Paper Electrography. Jack Rau and Simeon Krumbein reported that this standard has suffered from disuse because the paper originally specified is no longer commercially available, and no viable alternative has been found. The committee has had this issue as a discussion topic in meetings for a number of years. There have been suggestions of using filter paper, but little interest has developed. In this meeting, Jesse suggested that the print paper sold for preparing photo quality prints with inkjet printers may be an option. There is, however, no capacity within the subcommittee to evaluate possible substitute paper materials. After discussion, the subcommittee felt that the standard should be balloted for withdrawal. Simeon asked to delay the decision for two weeks pending a discussion with his contacts at Tyco. Subcommittee agreed that the standard would be balloted for withdrawal unless Simeon finds that Tyco has a source of paper that the industry can access.
- B798-95(2000) Standard Test Method for Porosity in Gold or Palladium Coatings on Metal Substrates by Gel-Bulk Electrography Jim Chao and Simeon Krumbein report that this is still a viable test method, and Jack Rau reports that it is in use. The subcommittee agreed to ballot for reapproval without change.
- B799-95(2000) Standard Test Method for Porosity in Gold and Palladium Coatings by Sulfurous Acid/Sulfur-Dioxide Vapor. Jack Rau and Simeon Krumbein report that this is still a viable test method, and Jack Rau reports that it is in use. The subcommittee agreed to ballot for reapproval without change.
- B913-00e1 Standard Test Method for Evaluation of Crimped Electrical Connections to 16-Gauge and Smaller Diameter Stranded and Solid Conductors. Ed Sproles reported that some added information in the significance and use section is suggested as a revision enhancing the standard. In a discussion, some revision of the scope was suggested to help guide the user on the application environments that the standard addresses. Jesse and Ed will work on a revision and submit for ballot. WK7914 has been entered for this project.

Staff Report:

The November meeting of Committee B02 will be held November 7-9 in Dallas. We considered meeting with the whole committee. However, the active participants find the Headquarters to be a more convenient site.

Next Meeting:

It was agreed that the next meeting will be held at ASTM Headquarters on Tuesday, October 25, 2005, at **10:30 AM**, with persons not nearby encouraged to join by phone for a virtual meeting. Note change of time to 30 minutes later than previous meetings, with the expectation that we may miss some of the morning traffic in the Philadelphia area. Jeff will arrange for a computer in the meeting room so all can view items being worked upon.

New Business:

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.

The meeting was adjourned at 11:45.

Submitted by

Ed Sproles