



HEAD OF DELEGATION (HoD) REPORT

U.S. Member Body of the
International Organization for
Standardization (ISO)



U.S. National Committee of the
International Electrotechnical
Commission (IEC)

Please return this report within one month of the completion of the international meeting and submit it to the appropriate ANSI Department as follows:

ISO

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HoD reports can be used for a variety of purposes. For example:

- ❖ To report results of a TC/SC meeting to the related TAG
- ❖ To publicize the work of the TC/SC to the related US constituency via ANSI On-line, USNC News and Notes, or other media
- ❖ To suggest areas for possible development of featured articles
- ❖ To address specific challenges and concerns that the HoD may bring to the attention of related ANSI and/or USNC/IEC management

PLEASE REMEMBER: Your HoD report is NOT filed as a confidential, password protected document and, therefore, may have broad, unintended distribution. Keep this in mind when preparing the report and, if appropriate, use a more secure form of correspondence to call attention to any sensitive issues.

Completed by:

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Date:	1/15/2015

Meeting of (Designation/Title) SC 23B / Plugs, Socket- Outlets And Switches
Date(s) 11/17/2014
Location Mexico City, Mexico

1. MEETING ATTENDANCE

Please indicate, if available, both the number of delegates and the countries represented at the Meeting:

There were 41 delegates from 17 countries as follows; BE, CA, CH, CN, CR, DE, DK, CH ES , FR, IT, KR, MX, NO, SE, UK, US AND ZA

Meeting attendance roster and meeting resolutions attached, if available

Please comment on significant or unusual attendance issues (e.g., new member bodies, regular members not in attendance, new Chairman or Secretariat, non-accredited U.S. persons, etc.).

Notes:

All conveners of SC 23 B Maintenance Teams and Working Groups were confirmed for three years.

MEETING OBSERVATIONS

2. Overall, how well did the U.S. meet its objectives on policy or technical matters?

- Very Successful -- U.S. positions were accepted in whole
- Successful -- Compromises were reached which are acceptable to the U.S.
- Not Successful -- U.S. positions were not accepted

All indications were that US positions on technical matters were considered and in many instances influenced committee decisions.

3. Please comment on any issues of significance which might have an impact upon materially affected or interested U.S. parties.

All committee reports were presented without issues.

Notes of interest;

(1) SC 23 B scope was changed to remove "for a.c. only" thereby aligning with TC 23 scope. This change permits the consideration of DC applications for SC 23 B product standards. A floor vote by committee members approved the change.

(2) A proposal was made to also include "energy performance" in the scope. A long discussion followed regarding the term "energy" as related to what characteristics are to be considered? The concern was potential overlap of 23 B's scopes with 23 K. A clarification was made to add: In particular performance includes the energy consumption of 23 B accessories.

(3) The Ad Hoc Working Group 23 B MT 4 for Load Profiles discussed conditions related to overheating of plugs and socket-outlets when subjected to heavy loads with long duty

cycles resulting from convenience charging of EVs. The work within this group continues to evaluate existing plug and socket-outlet performance under various load profiles. The intent will be to create a classification of products designated for use under heavy loads. The details of this work will be reviewed in early 2015.

(4) The Ad-hoc Working Group 23 B MT 4 on Cold Climate devices has in consideration testing for as well as a symbol designation for devices designated for extreme climate conditions. The testing was centered at -25 degree C with discussions for as low as -40 degree C. The intent will be to create a classification of product designated for extreme cold conditions of use. The work of this group continues to evaluate performance characteristics of devices under cold conditions of use. The details of this work will be reviewed in early 2015.

A future consideration of work would be to define testing and markings for hot climate devices as proposed by Saudi Arabia.

4. Was there any discussion for which the United States was unprepared? (e.g., late document distribution, addition of new items, etc.)

None

5. Did the U.S. extend an offer to assume any new TC/SC Secretariat or management positions?

Yes No
(If yes, please indicate which position and provide Officer contact information.)

6. Did the U.S. extend an offer to host any future TC/SC meetings?

Yes No
If yes, please identify:

7. Were any new issues raised which require, or might involve, coordination with other U.S. bodies? (Include coordination items with other U.S. TAGs, ANSI policy-level committees (AIF, AIC, the USNC TMC and/or Council, etc.)

Yes No
If yes, please identify:

8. Did the U.S. put forth/agree to put forth any New Work Items?

Yes No
If yes, please identify:

9. Was there any evidence of irregular voting by participating countries?

Yes No
If yes, please identify any significant issues or concerns:

10.	Are work items in the TC or SC being affected by related work in regional standards bodies (e.g., CEN, CENELEC, ETSI, PASC, NAFTA, COPANT, etc.)?
—	Yes
<u>X</u>	No
—	No related regional activity
If yes, please explain:	
11.	Were any new issues raised which require, or might involve, coordination with emerging market countries?
Yes	<u>X</u>
No	
If yes, please explain:	
12.	Were any issues raised which relate to or impact existing U.S. regulatory matters?
—	Yes
<u>X</u>	No
If yes, please explain:	
13.	Please identify any IMMEDIATE U.S. TAG actions which will be required as a result of this international meeting.
The TAG for IEC 23 B should continue to monitor the work underway in IEC 23 B committees as the potential for new product classifications may evolve and also new DC type devices may emerge. In the future this work may have an impact on US products. Also may represent new product opportunities.	
14.	Please identify specific decisions which the U.S. delegation believes to be noteworthy for publication, publicity and/or development of a future article. If there are any, would you be willing to help develop an article for publication?
—	Yes
<u>X</u>	No
15.	What might be done to further promote the ANSI Federation's goal of "global standards that reflect U.S. interests?" (Consider such issues as how might the U.S. further promote acceptance of related American National Standards in international and, where applicable, regional fora?)
To be determined	
16.	Has this report been provided to your TAG Administrator for US TAG distribution?
<u>X</u>	Yes
—	No
17.	Other Comments