

Record of Letter Ballot Review by TC Chapter for Procedural Review

Region/Locale: **China**

Global Technical Committee: **Photovoltaic**

TC Chapter Cochairs: **Guangchun Zhang/CSI, Jun Liu/CESI**

Standards Staff: **Sophia Huang/SEMI China**

| | Scheduled in Background Statement | Actual |
|---|--|--|
| Date | 18/04/2017 | 18/04/2017 |
| Location | Laurel I, Evergreen Laurel Hotel Shanghai, No.1136 Zuchongzhi Road, Shanghai, P.R. China | Laurel I, Evergreen Laurel Hotel Shanghai, No.1136 Zuchongzhi Road, Shanghai, P.R. China |
| Reason for Change of Date and/or Location (if changed) | | |

Note: See *Regulations* ¶ 9.5 Exception for allowable reason to change.

I. Document Number and Title

| | |
|--------------------------------|--|
| Document Number 5661 | Document Title Test Method for Electrical Parameters of Bifacial Solar Module |
|--------------------------------|--|

II. Tally

Standards staff to fill in.

Voting Tally: As-cast tally after close of voting period

Note: A minimum of 60% of the Voting Interests that have TC Members within the global technical committee that issued the Letter Ballot must return Votes. (Regulations ¶ 9.7.1.1)

Voting Tally (with example values):

| Voting Interest: | Returned Votes | Distribution | Return Rate | |
|---------------------------|----------------|---------------------------|-------------|------|
| Letter Ballot | 87 | ÷ 145 = | 60.0% | ≥60% |
| Intercommittee Ballot | 17 | | | |
| Voting Interest Reject(s) | 4 | Total Voters with Rejects | 7 | |
| Voting Interest Accept(s) | 54 | | | |

Note: See Regulations § 3.2.1 for definition of Voting Interest.

III. Rejects

Voting Interest Reject 1 (Voting Interest Name: Ambigapathy Rajesh)

Voter Reject 1 (Voter: Ambigapathy Rajesh and Pasan SA (parent company is Meyer Burger Technology AG))

Negative 1

| | | | | |
|------------------------|-------------------------------|---|---|-------------------------------|
| Negative | Referenced Section/ Paragraph | *TF/TC Chapter to fill in, including text in the ballot if necessary. | | |
| | | This standard | | |
| | Negative Text | *Original complete Negative text (e.g., issue, justification, suggestion) should be copied. | | |
| | | How is this work related to IEC 60904-1-2? | | |
| TF input (optional) | | | | |
| Withdrawal (check one) | X | No Negative withdrawal made by Voter. | GO TO "Related" subsection | |
| | | Withdrawal document received by Standards staff on MM/DD/YYYY. | GO TO "Final" subsection → (A) | |
| ate | Motion and Reason | X | 'Related' is mutually agreed upon. (Needs no motion.) | GO TO "Persuasive" subsection |

| | | | | |
|----------------------------------|----------------------------------|-------------------------------------|---|---|
| | (check one) | <input type="checkbox"/> | Negative is not related. (Needs ≥2/3 votes to pass.) | |
| | | <input type="checkbox"/> | Reason | |
| | Motion by/ 2 nd by | Name (Company)/Name (Company) | | |
| | Discussion | | | |
| | Result of Vote (check one) | XX Y-XX N; Motion passed/failed. | | |
| <input type="checkbox"/> | | [Negative is not related.] < 2/3 | GO TO “Persuasive” subsection | |
| <input type="checkbox"/> | | 2/3 ≤ [Negative is not related.] | GO TO “Final” subsection → (B) | |
| Persuasive | Motion and Reason (check one) | <input type="checkbox"/> | Negative is related and persuasive. (Needs >1/3 votes to pass.) | |
| | | <input checked="" type="checkbox"/> | Negative is related and not persuasive. (Needs ≥2/3 votes to pass.) | |
| | | <input type="checkbox"/> | Reason | <p>The IEC 60904-1-2 is trying to find a solution to characterize the I-V performance of bifacial module. Yingli has attended the discussion with the IEC60904 Team, but the test method of IEC 60904-1-2 based on experience, especially the formula</p> $BiFi = \frac{I_{sc_{rear}}}{I_{sc_{front}}}$ $I_{sc_{comp}} = I_{sc_{front}} + 0.2 \times I_{sc_{rear}}$ <p>Team define the new character Bifi, but it could not link Bifi to the performance of bifacial cell. And it hypothesis the Voc did mater with light irradiation from rear side, which is controvert with test results.</p> <p>Now some experts argue of that the measurement uncertain could not trace back. And the calculation equation in IEC 60904-1-2 (Draft) could define its physical significant. Therefore, we try to deduce the equation of bifacial module from basic diode mode of solar cell. Now some experts argue of that the measurement uncertain could not trace back. And the calculation equation in IEC 60904-1-2 (Draft) could define its physical significant. Therefore, we try to deduce the equation of bifacial module from basic diode mode of solar cell.</p> |
| | | <input type="checkbox"/> | Reason | |
| Motion by/ 2 nd by | Name (Company)/Name (Company) | | | |

| | | | | | | |
|---|-------------------|----------------------------------|---|---|---|---|
| Discussion | | | | | | |
| Result of Vote (check one) | | XX Y-XX N; Motion passed/failed. | | | | |
| | | X | [Negative is related and persuasive.] > 1/3 | Is a technical change recommended? (check one) | Y | GO TO “Address by Technical Change Option” subsection |
| | | | [Negative is related and not persuasive.] < 2/3 | | N | GO TO “Final” subsection → (E) |
| | | | 2/3 ≤ [Negative is related and not persuasive.] < 90% | GO TO “Final” subsection → (C) | | |
| | | | 90% ≤ [Negative is related and not persuasive.] | GO TO “Not Significant Finding Option” subsection | | |
| Technical Change Recommendations Original section/paragraph number and at least one full sentence are required in “FROM” and “TO” fields. | | | | | | |
| Address by Technical Change Option | Technical Changes | 1 | FROM: Section/Paragraph XXX | | | |
| | | | TO: Section/Paragraph xxx | | | |
| | | | Justification (if necessary) | | | |
| | | 2 | FROM: Section/Paragraph XXX | | | |
| | | | TO: Section/Paragraph xxx | | | |
| | | | Justification (if necessary) | | | |
| | Motion | | Negative is addressed by the technical change(s). | | | |
| Motion by/2 nd by | | Name (Company)/Name (Company) | | | | |
| Discussion | | | | | | |
| Result of Vote | | XX Y-XX N; Motion passed/failed. | | | | |

| | | | | | |
|--------------------------------|--|------------------------------|--|---|--|
| | (check one) | | <input type="checkbox"/> | 2/3 ≤ [Negative is addressed by the technical change(s).] | GO TO “Incorporation of the Technical Change” subsection |
| | | | <input type="checkbox"/> | [Negative is not addressed by the technical change(s).] < 2/3 | GO TO “Final” subsection → (E) |
| | Incorporation of the Technical Change | Motion | To incorporate the technical change(s). | | |
| | | Motion by/2 nd by | Name (Company)/Name (Company) | | |
| | | Discussion | | | |
| | | Result of Vote (check one) | XX Y-XX N; Motion passed/failed. | | |
| | | | <input type="checkbox"/> | 90% ≤ [Agree to incorporate.] | GO TO “Final” subsection → (F) |
| | | | <input type="checkbox"/> | [Disagree to incorporate.] > 10% | GO TO “Final” subsection → (E) |
| Not Significant Finding Option | This option can be used only “if the TC Chapter finds a Negative not persuasive by a vote equal to or greater than 90% of the persons voting on the action”. (Regulations ¶ 9.6.4.4.2) | | | | |
| | Use of “Not significant finding option” (check one) | <input type="checkbox"/> | It is mutually agreed upon to term the Negative “not significant”. | | GO TO “Final” subsection → (D) |
| | | <input type="checkbox"/> | It is mutually agreed upon to term the Negative “significant”. | | GO TO “Final” subsection → (C) |
| | | <input type="checkbox"/> | Whether or not the Negative is “not significant” is decided by a vote. | | |
| | Motion | | The Negative is “not significant”. | | |
| | Motion by/ 2 nd by | | Name (Company)/Name (Company) | | |
| | Vote | <input type="checkbox"/> | XX Y-XX N; Motion passed with simple majority | | GO TO “Final” subsection → (D) |
| | | <input type="checkbox"/> | XX Y-XX N; Motion failed with simple majority | | GO TO “Final” subsection → (C) |
| Final | (check if applicable) | <input type="checkbox"/> | (A) | Withdrawn (counted under h in disposition) | |
| | | <input type="checkbox"/> | (B) | Not related (counted under i in disposition) | |
| | | <input type="checkbox"/> | (C) | Related and not persuasive (significant) | |
| | | <input type="checkbox"/> | (D) | Not significant (counted under j in disposition) | |
| | | <input type="checkbox"/> | (E) | Related and persuasive and not addressed by technical change | DOCUMENT FAILS |

| | | | |
|-----------------------|--|-----|---|
| | | (F) | Addressed by technical change (counted under k disposition) |
| (check if applicable) | | | Comment generated. See Section V-(ii) Comment # X. |

This table is needed for each Negative.

Voting Interest Reject 2 (Voting Interest Name: Fakhfour Vahid)

Voter Reject 1 (Voter: Fakhfour Vahid and Meyer Burger Technology AG)

Negative 2

| | | | | |
|------------------------|-------------------------------|---|---|-------------------------------|
| Negative | Referenced Section/ Paragraph | *TF/TC Chapter to fill in, including text in the ballot if necessary. | | |
| | | This standrad | | |
| | Negative Text | *Original complete Negative text (e.g., issue, justification, suggestion) should be copied. An IEC project (60904-1-2)is an advanced phase (committee draft)and covers this topic. | | |
| TF input (optional) | | | | |
| Withdrawal (check one) | X | No Negative withdrawal made by Voter. | GO TO "Related" subsection | |
| | | Withdrawal document received by Standards staff on MM/DD/YYYY. | GO TO "Final" subsection → (A) | |
| Related | Motion and Reason (check one) | X | 'Related' is mutually agreed upon. (Needs no motion.) | GO TO "Persuasive" subsection |
| | | | Negative is not related. (Needs ≥2/3 votes to pass.) | |
| | | | Reason | |
| | Motion by/ 2 nd by | Name (Company)/Name (Company) | | |
| | Discussion | | | |
| | Result of Vote (check one) | XX Y-XX N; Motion passed/failed. | | |
| | | | [Negative is not related.] < 2/3 | GO TO "Persuasive" subsection |
| | | 2/3 ≤ [Negative is not related.] | GO TO "Final" subsection → (B) | |

| | | | | | | | | |
|------------|---|---|---|---|---|--|---|---|
| Persuasive | Motion and Reason (check one) | | Negative is related and persuasive. (Needs >1/3 votes to pass.) | | | | | |
| | | X | Negative is related and not persuasive. (Needs ≥2/3 votes to pass.) | | | | | |
| | | | Reason | <p>The IEC 60904-1-2 is trying to find a solution to characterize the I-V performance of bifacial module. Yingli has attended the discussion with the IEC60904 Team, but the test method of IEC 60904-1-2 based on experience, especially the formula</p> $BiFi = \frac{Isc_{rear}}{Isc_{front}}$ $Isc_{comp} = Isc_{front} + 0.2 \times Isc_{rear}$ <p>Team define the new character Bifi, but it could not link Bifi to the performance of bifacial cell. And it hypothesis the Voc did mater with light irradiation from rear side, which is controvert with test results.</p> <p>Now some experts argue of that the measurement uncertain could not trace back. And the calculation equation in IEC 60904-1-2 (Draft) could define its physical significant.</p> <p>Therefore, we try to deduce the equation of bifacial module from basic diode mode of solar cell. Now some experts argue of that the measurement uncertain could not trace back. And the calculation equation in IEC 60904-1-2 (Draft) could define its physical significant. Therefore, we try to deduce the equation of bifacial module from basic diode mode of solar cell.</p> | | | | |
| | | | | | | | | |
| | Motion by/ 2 nd by | | Name (Company)/Name (Company) | | | | | |
| | Discussion | | | | | | | |
| | Result of Vote (check one) | | XX Y-XX N; Motion passed/failed. | | | | | |
| | | | X | [Negative is related and persuasive.] > 1/3 | Is a technical change recommended? (check one) | | Y | GO TO “Address by Technical Change Option” subsection |
| | | | | [Negative is related and not persuasive.] < 2/3 | | | N | GO TO “Final” subsection → (E) |
| | | | | 2/3 ≤ [Negative is related and not persuasive.] < 90% | GO TO “Final” subsection → (C) | | | |
| | 90% ≤ [Negative is related and not persuasive.] | GO TO “Not Significant Finding Option” subsection | | | | | | |

| | | | | | |
|---------------------------------------|------------------------------|--|---|--|--|
| Address by Technical Change Option | | Technical Change Recommendations | | | |
| | | Original section/paragraph number and at least one full sentence are required in “FROM” and “TO” fields. | | | |
| | | Technical Changes | 1 | FROM: Section/Paragraph XXX | |
| | | | | TO: Section/Paragraph xxx | |
| | | | | Justification (If necessary) | |
| | | 2 | FROM: Section/Paragraph XXX | | |
| | | | TO: Section/Paragraph xxx | | |
| | | | Justification (If necessary) | | |
| | | Motion | | Negative is addressed by the technical change(s). | |
| | | Motion by/2 nd by | | Name (Company)/Name (Company) | |
| Discussion | | | | | |
| Result of Vote (check one) | | XX Y-XX N; Motion passed/failed. | | | |
| | | <input type="checkbox"/> | 2/3 ≤ [Negative is addressed by the technical change(s).] | GO TO “Incorporation of the Technical Change” subsection | |
| | | <input type="checkbox"/> | [Negative is not addressed by the technical change(s).] < 2/3 | GO TO “Final” subsection → (E) | |
| Incorporation of the Technical Change | Motion | | To incorporate the technical change(s). | | |
| | Motion by/2 nd by | | Name (Company)/Name (Company) | | |
| | Discussion | | | | |
| | | | XX Y-XX N; Motion passed/failed. | | |

| | | | | | |
|---------------------------------------|--|---|--|--|----------------|
| | | | 90% ≤ [Agree to incorporate.] | GO TO “Final” subsection → (F) | |
| | Result of Vote (check one) | | [Disagree to incorporate.]>10% | GO TO “Final” subsection → (E) | |
| Not Significant Finding Option | This option can be used only “if the TC Chapter finds a Negative not persuasive by a vote equal to or greater than 90% of the persons voting on the action”. (<i>Regulations</i> ¶ 9.6.4.4.2) | | | | |
| | Use of “Not significant finding option” (check one) | | It is mutually agreed upon to term the Negative “not significant”. | GO TO “Final” subsection → (D) | |
| | | | It is mutually agreed upon to term the Negative “significant”. | GO TO “Final” subsection → (C) | |
| | | | Whether or not the Negative is “not significant” is decided by a vote. | | |
| | Motion | The Negative is “not significant”. | | | |
| | Motion by/ 2nd by | Name (Company)/Name (Company) | | | |
| | Vote | | XX Y-XX N; Motion passed with simple majority | GO TO “Final” subsection → (D) | |
| | | XX Y-XX N; Motion failed with simple majority | GO TO “Final” subsection → (C) | | |
| Final | (check if applicable) | | (A) | Withdrawn (counted under h in disposition) | |
| | | | (B) | Not related (counted under i in disposition) | |
| | | | (C) | Related and not persuasive (significant) | |
| | | | (D) | Not significant (counted under j in disposition) | |
| | | | (E) | Related and persuasive and not addressed by technical change | DOCUMENT FAILS |
| | | | (F) | Addressed by technical change (counted under k disposition) | |
| | (check if applicable) | | Comment generated. See Section V-(ii) Comment # X. | | |

Negative 3

Negative 4

Voting Interest Reject 1- Voter Reject 2 (Voter: Name and company)

Negative 1

Negative 2

Negative 3

Negative 4

Disposition of Voting Interest Reject 1

Check only when the Document has not been failed.

| | | |
|---|--|-----|
| # | Original number (#) of Negatives | (g) |
| # | Number of Negatives withdrawn | (h) |
| # | Number of Negatives found not related | (i) |
| # | Number of Negatives found not significant | (j) |
| # | Number of Negatives addressed by technical change (Negative becomes not significant) | (k) |

| | | | |
|-------|--|---------------------------|--|
| Final | | $g - (h + i + j + k) = 0$ | Reject is Not Valid and is not included in the denominator of § VI. <i>Approval Conditions Check</i> |
| | | $g - (h + i + j + k) > 0$ | Reject is included in the denominator of § VI. <i>Approval Conditions Check</i> |
| | | Reject without a Negative | Not Valid |

Note: If all of the Negatives included with a Reject Vote are withdrawn, determined to be not related, or determined to be not significant, the Reject Vote is not valid. (*Regulations* ¶ 9.4.3.3)

Note: A Negative addressed by a technical change is automatically considered to be not significant. (*Regulations* ¶ 9.6.4.4.2)

Voting Interest Reject 2 (Voting Interest Name: XXXXXX)

Voter Reject 1 (Voter: Name and company)

Negative 1

Negative 2

IV. Other Technical Issues

Note: TC Chapter may choose to address a technical issue that is not part of a Negative received on a Letter Ballot (i.e., a Comment or a reason not addressed by a Vote response) by handling it as a Negative and finding it related and technically persuasive. The TC Chapter may then fail the Document or address such technical issue by using the procedure defined in *Regulations* § 9.6.4.3 to make a technical change to the Document. (*Regulations* ¶ 9.6.2.4.5)

| | | | |
|--|-------------------------------|---|-------------------------------|
| Technical Issue | Origin | *TF/TC Chapter to choose Comment # (Voter: Name and company) / A reason not addressed by a Vote response | |
| | Referenced Section/ Paragraph | *TF/TC Chapter to fill in including text in the ballot as appropriate. | |
| | Reason | *Original Comment text, if applicable, and problem statement, including justification and suggestion, should be copied. | |
| Handle technical issue identified above as a Negative. | | | |
| ate | Motion and Reason | 'Related' is mutually agreed upon. (Needs no motion.) | GO TO "Persuasive" subsection |

| | | | | | | | |
|-------------------------------|-------------------------------|----------------------------------|---|--|--|---|---|
| | (check one) | | Negative is not related and assigned to TF. (Needs $\geq 2/3$ votes to pass.) | | | | |
| | | | Negative is not related and placed on agenda of current TC Chapter meeting as new business. (Needs $\geq 2/3$ votes to pass.) | | | | |
| | | | Reason | XXXX | | | |
| | Motion by/ 2nd by | Name (Company)/Name (Company) | | | | | |
| | Discussion | | | | | | |
| | Result of Vote (check one) | XX Y-XX N; Motion passed/failed. | | | | | |
| | | | [Negative is not related.] $< 2/3$ | GO TO "Persuasive" subsection | | | |
| | | | $2/3 \leq$ [Negative is not related] and assigned to TF. | GO TO "Final" subsection → (B) | | | |
| | | | $2/3 \leq$ [Negative is not related] and placed on agenda of current TC Chapter meeting as new business. | | | | |
| | Persuasive | Motion and Reason (check one) | | Negative is related and persuasive. (Needs $> 1/3$ votes to pass.) | | | |
| | | | Negative is related and not persuasive. (Needs $\geq 2/3$ votes to pass.) | | | | |
| | | | Reason | XXXX | | | |
| Motion by/ 2nd by | | Name (Company)/Name (Company) | | | | | |
| Discussion | | | | | | | |
| Result of Vote (check one) | | XX Y-XX N; Motion passed/failed. | | | | | |
| | | | [Negative is related and persuasive.] $> 1/3$ | Is a technical change recommended? (check one) | | Y | GO TO "Address by Technical Change Option" subsection |
| | | | [Negative is related and not persuasive.] $< 2/3$ | | | N | GO TO "Final" subsection → (E) |
| | | | $2/3 \leq$ [Negative is related and not persuasive.] $< 90\%$ | GO TO "Final" subsection → (C) | | | |

| | | | | | |
|---------------------------------------|------------------------------|---|---|--|--|
| | | Technical Change Recommendations Original section/paragraph number and at least one full sentence are required in “FROM” and “TO” fields. | | | |
| Address by Technical Change Option | Technical Changes | 1 | FROM: Section/Paragraph XXX | | |
| | | | TO: Section/Paragraph xxx | | |
| | | | Justification (If necessary) | | |
| | | 2 | FROM: Section/Paragraph XXX | | |
| | | | TO: Section/Paragraph xxx | | |
| | | | Justification (If necessary) | | |
| | Motion | | Negative is addressed by the technical change(s). | | |
| | Motion by/2 nd by | | Name (Company)/Name (Company) | | |
| | Discussion | | | | |
| | Result of Vote (check one) | | XX Y-XX N; Motion passed/failed. | | |
| | | | 2/3 ≤ [Negative is addressed by the technical change(s).] | GO TO “Incorporation of the Technical Change” subsection | |
| | | | [Negative is not addressed by the technical change(s).] < 2/3 | GO TO “Final” subsection → (E) | |
| Incorporation of the Technical Change | Motion | | To incorporate the technical change(s). | | |
| | Motion by/2 nd by | | Name (Company)/Name (Company) | | |
| | Discussion | | | | |
| | | | XX Y-XX N; Motion passed/failed. | | |

| | | | | | |
|-------|-----------------------|-------------------------------|--|--|--------------------------------|
| | | Result of Vote (check one) | | 90% ≤ [Agree to incorporate.] | GO TO “Final” subsection → (F) |
| | | | | [Disagree to incorporate.] >10% | GO TO “Final” subsection → (E) |
| Final | (check one) | | (B) | Not related | |
| | | | (C) | Related and not persuasive | |
| | | | (E) | Related and persuasive and not addressed by technical change | DOCUMENT FAILS |
| | | | (F) | Addressed by technical change | |
| | (check if applicable) | | Comment generated. See Section V-(ii) Comment # X. | | |

V. Comments

V- (i) Voters’ Comments

Commenter 1 (Name/Company) - Comment 1

| | | | |
|---------|--|--|---|
| Comment | *TF/TC Chapter to fill in section/paragraph #, if necessary. | | |
| | | | |
| Action | The TC Chapter agreed to do one of the following actions. | | |
| | *No motion is required in this step. | | |
| | | Already addressed by Commenter #, Comment # | |
| | | No further action was taken by the TC Chapter. | |
| | | Refer to the TF for more consideration. | |
| | | New Business | |
| | | Editorial Change | |
| | Options for editorial change (check one) | | Case 1: No vote in this section: |
| | | | To be included and voted on as a group in § VI. Editorial Changes Other than Those Voted on in § V. |
| | | | Case 2: Voted in this section: |

| | | | |
|------------------------------|------|--------------------------------------|--|
| | one) | | Original section number and at least one full sentence are required in “FROM” and “TO” fields. |
| Editorial Changes | 1 | FROM: Section/Paragraph xxx | |
| | | TO: Section/Paragraph xxx | |
| | | Justification (If necessary) | |
| | 2 | FROM: Section/Paragraph xxx | |
| | | TO: Section/Paragraph xxx | |
| | | Justification (If necessary) | |
| Motion | | To approve above editorial change(s) | |
| Motion by/2 nd by | | Name (Company)/Name (Company) | |
| Discussion | | XXXX | |
| Vote | | XX Y-XX N; Motion passed/failed. | |

This table is needed for each Comment.

Commenter 2 (Name/Company) - Comment 1

Commenter 3 (Name/Company) - Comment 1

V-(ii) Comments Created by Handling Negative

Comment (Created by Handling Negative) NC – 1

| | |
|-----|---------------------------|
| ent | *TF/TC Chapter to fill in |
| | |

| | | |
|------------------------------|---|---|
| | | |
| | | |
| | | |
| Action | The TC Chapter agreed to do one of the following actions. | |
| | *No motion is required in this step. | |
| | <input type="checkbox"/> | Already addressed by Commenter #, Comment # |
| | <input type="checkbox"/> | No further action was taken by the TC Chapter. |
| | <input type="checkbox"/> | Refer to the TF for more consideration. |
| | <input type="checkbox"/> | New business |
| | <input type="checkbox"/> | Editorial change |
| | Options for editorial change (check one) | Case 1: No vote in this section: To be included and voted on as a group in § VI. Editorial Changes Other than Those Voted on in § V. |
| | | Case 2: Voted in this section: Original section number and at least one full sentence are required in "FROM" and "TO" fields. |
| | | |
| | | |
| Editorial Changes | 1 | FROM: Section/Paragraph xxx |
| | | TO: Section/Paragraph xxx |
| | | Justification (If necessary) |
| | 2 | FROM: Section/Paragraph xxx |
| | | TO: Section/Paragraph xxx |
| | | Justification (If necessary) |
| Motion | | To approve above editorial change(s) |
| Motion by/2 nd by | | Name (Company)/Name (Company) |
| Discussion | | XXXX |

| | |
|------|----------------------------------|
| | |
| Vote | XX Y-XX N; Motion passed/failed. |

Comment (Created by Handling Negative) NC – 2

Comment (Created by Handling Negative) NC – 3

VI. Editorial Changes Other than Those Voted on in § V

Original section/paragraph number and at least one full sentence are required in “FROM” and “TO” fields.

| | | | |
|----------------------------------|--|---|-----------------------------|
| 1 | Origin of this editorial change (Check one) | <input type="checkbox"/> | Commenter(s) / Comment(s) # |
| | | <input type="checkbox"/> | Other [] |
| | FROM: Section/Paragraph XXX | | |
| | TO: Section/Paragraph XXX | | |
| Justification: (If necessary) | | | |
| 2 | Origin of this editorial change (Check one) | <input type="checkbox"/> | Commenter(s) / Comment(s) # |
| | | <input type="checkbox"/> | Other [] |
| | FROM: Section/Paragraph XXX | | |
| | TO: Section/Paragraph XXX | | |
| Justification: (If necessary) | | | |
| Motion | | To approve the above editorial change(s). | |
| Motion by/ 2 nd by | | Name (Company)/Name (Company) | |
| Discussion | | XXXX | |

| | |
|------|--------------------------------------|
| Vote | XX Y-XX N; Motion passed (or failed) |
|------|--------------------------------------|

VII. Approval Conditions Check

VII. - (i). Approval Rate

APPROVAL CONDITION 1: All Negatives have been discussed and were withdrawn, found not related, found not persuasive, or addressed by a technical change. (*Regulations ¶ 9.7.1.2*)

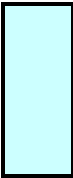
APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (*Regulations ¶ 9.7.1.3*)

| | | | | | | | | | |
|---------------|---|---------|---|------------------------------|---|---------|--|------|--|
| | | | | | | | | | |
| | | Accepts | | (Accepts + Valid Rejects) | | | | | |
| Approval Rate | = | | / | | = | #DIV/0! | | ≥90% | |
| | | | | | | | | | |

Note: If both approval conditions are not satisfied, the Document fails.

VII. – (ii) Approval Level (check one)

Note: See *Regulations § 9.7.2* for further information.



Globally Approved (No Ratification Ballot needed):

The Letter Ballot meets the Letter Ballot approval conditions for the global technical committee.

Need a Ratification Ballot:

The Letter Ballot meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes.

VIII. Safety Check

Note: See Regulations § 15 for further information.

| | | |
|------------------------------|--------------------------|--|
| Motion | <input type="checkbox"/> | This is not a Safety Document , when all safety-related information is removed, the Document is still technically sound and complete. (<i>Regulations</i> ¶ 8.7.1) |
| | <input type="checkbox"/> | This is a Safety Document , when all safety-related information is removed, the Document is not technically sound and complete. (<i>Regulations</i> ¶ 8.7.2) |
| | <input type="checkbox"/> | Safety Checklist (<i>Regulations</i> ¶ 15.3) is complete and has been included with the Document throughout the balloting process. (<i>Regulations</i> ¶ 15.1.2) |
| Motion by/2 nd by | | Name (Company)/Name (Company) |
| Discussion | | XXXX |
| Vote | | XX Y-XX N; Motion passed or failed |

IX. Intellectual Property (IP) Check

Note: This Letter Ballot may cover all or part of a Standard or Safety Guideline. This IP check applies to the entire Standard or Safety Guideline. See Regulations § 16 for further information.

| | | | |
|--|--|--|------------------|
| | The TC Chapter meeting chair asked those participating, if they were aware of any potentially material patented technology or copyrighted items* in the Standard or Guideline. (<i>Regulations</i> ¶ 8.8.1) | | |
| | <input type="checkbox"/> | No potentially material patented technology or reproduction of copyrighted items is known. | GO TO SECTION X. |
| | <input type="checkbox"/> | Potentially material patented technology or reproduction of copyrighted items is known, but a Letter of Assurance (LOA) or copyright release letter for such items has been obtained or presented to the TC Chapter. | GO TO SECTION X. |
| | <input type="checkbox"/> | Potentially material patented technology or reproduction of copyrighted items is known and use of such materials is technically justified by the TC Chapter, but an LOA or copyright | |

| | | | |
|--|------------------------------|--|---|
| | | release letter for some of the item(s) has NOT been obtained or presented to the TC Chapter. | |
| | Motion | | Ask ISC for special permission to publish. |
| | | | Quit activity. |
| | | | Wait for LOA for patented technology or release of copyrighted items. |
| | Motion by/2 nd by | | Name (Company)/Name (Company) |
| | Discussion | | XXXX |
| | Vote | | XX Y-XX N |
| | Final Action | | Motion passed |
| | | Motion failed | |

*** Note: Such potentially material patented technology or copyrighted items might have become known since the Standard or Safety Guideline was last reviewed, or might become relevant due to this Letter Ballot.**

X. Action for This Document

| | | | |
|----------------------------------|--|--|--|
| Motion | | This Document passed TC Chapter review as balloted and will be forwarded to the ISC A&R SC for procedural review. | |
| | | This Document passed TC Chapter review with editorial changes and will be forwarded to the ISC A&R SC for procedural review. | |
| | | This Document passed TC Chapter review with technical changes and with or without editorial changes and will be forwarded to the ISC A&R SC for procedural review. A Ratification Ballot will be issued to verify the technical changes. | |
| | | This Document failed TC Chapter review and will be returned to the TF for rework. | |
| | | This Document failed TC Chapter review and work will be discontinued. | |
| Motion by/ 2 nd by | | Name (Company)/Name (Company) | |
| Discussion | | XXXX | |
| Vote | | XX Y-XX N | |
| Final Action | | Motion passed | |
| | | Motion failed | |

Standards staff to record the result of the A&R procedural review here:

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| A&R | | Approved for publication |
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| | | Approved pending acceptance of the Ratification Ballot |
| | | Not approved |
| | Reason: | |