**SDC 301 CALCULATIONS SC Call Draft Minutes**

April 1st, 2024 | 1:00 PM – 2:30 PM Eastern

[***MEETING RECORDING HERE***](https://transcripts.gotomeeting.com/#/s/998d177efe658fb8c7050090076055bccd08e031581387987b4024c63d797f08)

**Members Present:** Dave Roberts, Rob Salcido, Gayathri Vijayakumar, Philip Fairey, Brian Christensen, Nick Sisler, Scott Horowitz

**Absent:** Charlie Haack, William Ranson

**RESNET Staff Present:** Clara Hedrick, Rick Dixon, Neal Kruis, Laurel Elam

**Minutes Prepared By:** Clara Hedrick

The meeting was called to order at 1:03 PM ET.

**Approve Agenda**

Gayathri Vijayakumar made a motion to approve the agenda. Nick Sisler seconded.

**Approve 3/19 meeting minutes (**[**Link**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.dropbox.com_scl_fi_dr54ol9ppxw8ga2zew95l_SDC-2D301-2DCALCULATIONS-2DSC-2DCall-2DDraft-2DMinutes-2D3-2D19-2D2024.docx-3Frlkey-3D0zqd9k96pk1s00lz0p37hnxrz-26dl-3D0&d=DwMFAg&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=JnhbwqPwQqN2Joz-qNtDyw&m=7AO25Xzm-Ytxici5R2dmf67NDtz-MfkX9ZpGfyFm2N7z7vN8bMG8nlZC9LSwcWgL&s=w5Lbm2lYzgwuU2VFIgv4Si8m-KK92fqUj8CDg8Qx_fE&e=)**)**

Nick Sisler made a motion to approve the draft meeting minutes as amended. Rob Salcido seconded.

**Schedule second SC meeting in April**

The group discussed scheduling a meeting on April 15th, at 1PM ET. Dave to send out another invitation for this additional meeting.

**Unresolved Addendum C PDS-01 comment #4 from Jim Edelson (See *Notification of Unresolved Objection Public Comment on PDS-01 Adndm C*and*CalcSCrspns\_SDCmbrCmnts\_BallotPDS01AdnCcmntRspns.docx)***

The group discussed an unresolved comment left on PDS-01 submitted by Jim Edelson. Rick Dixon confirmed that a documented response is only needed for this particular objection and not the rest of the comments.

Rick will take Philip’s response to Thiel and the information sent via email today, compile a response, allow Philip to review, and then proceed with the notification to SDC and a ballot. Rick also confirmed that this committee must redocument that Jim’s objection was declared unresolved, respond to Jim, then SDC300 must be notified of any changes to the draft. In this case, there are none. A recirculation of the ballot will be provided to SDC300 after these actions are completed.

Brian Christensen motioned to proceed with the actions detailed above. The group agreed.

PDS-02 will proceed for public comment. Philip and Rick Dixon to work on the informative note together offline.

Philip Fairey also described the recent developments within other standards development entities, particularly ASHRAE and it’s work regarding combustion and pre-combustion numbers within the standards and how this impact’s this committee’s work. The footnote in Addendum C should include pre-combustion and combustion numbers in order to be in-line with international standards.

**Board comments on WD for Addendum F (see attached)**

Rick Dixon suggested responding to the comments left on Addendum F by SDC300 members by stating that more research is being conducted and will be addressed in PDS-02. Dave inquired about specifying that this is meant for internal use by software vendors, or leaving the language ambiguous. Brian and Neal suggested specifying direction for software vendors to allow better consistency.

The group agreed to add Philip’s acronym, include Dean’s edit regarding ducted on both sides, and other minor edits then proceed with submitting Addendum F as PDS-01 for public comment.

**Carryforward items to consider for 301-2025 (see attached)**

The committee discussed comments left by SDC members on this document. Brian and Dave discussed untested or tested forced air distribution systems and how they are allowed to be modeled. Gayathri clarified that Kelly wants ducts to be 100% visible at final which is not practical and in fact does not directly object to Addendum C.

Next steps include **Brian Christensen sending his thoughts to Rick** who will compile this into a reasoning statement to be sent to Kelly Parker.

Gayathri’s comment is considered resolved, and no documented response is needed.

**Comment #41:**

The group agreed that this is resolved in Addendum D. A documented response is required to be sent to Dean Gamble. **Rick Dixon to accomplish this.**

**Dave Roberts to inquire on framing type in Addendum D with Robby Schwarz-** response to Dean to be formed after this information is gathered.

**Dave Roberts** also to follow up with Dean Gamble on overhang trusses.

**Comment #42:**

**Dave also to inquire with Dean on this item.** The ground source heat pump item is an older piece of language added a long time ago. Ground Source Heat pump fans are currently treated the same as other fans.

**Comment #25:**

This comment was rejected because this comment was left on language not eligible for public comment. The group agreed not to consider the comment due to the procedure being out of order. Robby cannot declare his comment unresolved because the comment was not left in order with procedure. **Gayathri volunteered to prepare a reasoning statement to be sent to Robby Schwarz.**

**Blank comment #:**

Sara DeVico proposed added language to footnote M. **Nick Sisler to address this comment** on mechanical ventilation with Sara DeVico and find out if it can be added without negative consequence.

Gayathri and Philip discussed whether this footnote can directly reference HBI. This proposed change is already included in another document, therefore its already being accepted. Philip suggested adding another informative note pointing to other documents where this concern with OEM specification has already been addressed. The group agreed this is the consensus Nick should bring to his discussion with Sara.

**Comment #28:**

The group agreed that this comment was also left out of order and the initial rejection and reasoning statement should stand. **Gayathri to take this response and send again to the submitter.**

**Thiel’s comment on Draft PDS-01 Version 1 of 301-2022 Addendum C**

1. After review, it was found that the internal gains equation in question does not apply to the reference home- therefore cannot be moved to Table 4.2.2.7(1).
2. *Add permanently installed dehumidifiers and heat pump water heaters to this table*
3. *Prescribe how to omit any of these internal and sensible loads that aren’t present*

**Neal volunteered to write a response on these items to Rick Dixon.**

***Member Comment on IR 301-2019-030:***

The group agreed the binary approach is sufficient. Thiel requested guidance on reduced levels of insulation. Philip confirmed she is not objecting to the current language, only making a suggestion for future work.

**Rick to contact Thiel with a response** stating that there is not sufficient data available due to the complexity of this suggestion, but is open to considering data provided by other sources.

***IR301-2019-30***

***IR301-2019-32***

***IR301-2019-33***

Rick confirmed these have already been added into the standard and are resolved. **Dave Roberts** to double check that all IR’s have been added into Addendum C.

**IR301-2019-034:**

The group agreed that the original response should stand.

**MISCELLANEOUS**

SECTION 9

*Air Leakage:*

Standard 380 addresses this concern. Suggest adding a note pointing to 380.

Dave Roberts to take this on with Dean Gamble and find out more about his concerns.

Dave Roberts to look into other outstanding items in the “Other Topics” section.

***New Issue:***

The group also reviewed a comment submitted by Kelly Parker regarding CFIS in Addendum D 380-2022. Dave stated he believed this concern is addressed by 380, but will double check.

**The meeting was adjourned at 2:30 PM ET.**