



Shaping Tomorrow's
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PUBLICATIONS COMMITTEE

Minutes

2023 ASHRAE Annual Conference

Saturday, June 24, 2023

8:00 a.m. to 12:00 p.m. EST

Tampa Marriott Waterside, Meeting Room 7 (2)

- MEMBERS ATTENDING:** Gerardo Alfonso, chair
Vinay Ananthachar, vice chair (virtually)
Atilla Biyikoglu
Steve Kavanaugh
Cameron Labunski
Kurt Monteiro
George Pantelidis
Karen (Kay) Thrasher
Megan Tosh (virtually)
Blake Ellis, BOD ExO
- STAFF PRESENT:** Cindy Michaels, staff liaison, Editor of Special Publications
Drew Champlin, Editor of *ASHRAE Journal*
Kelly Barraza, Managing Editor of *ASHRAE Journal*
Joslyn Ratcliff, Senior Manager of Marketing Communications
- VISITORS:** Robin Bryant, incoming Publications Committee member
Francis (Frank) Mills, incoming Publications Committee member
Art Geisler, Member of Publishing and Education Council



MAJOR MOTIONS		
No.	Motion	Vote*
1	To approve the minutes of the Publications Committee conference call held on May 11, 2023.	PASSED via voice vote, CNV
2	That the minor changes shown in Section 2.2.4 of the revised Publications Committee MOP (available on Basecamp) be accepted and forwarded to PEC Planning Subcommittee for approval and voting.	PASSED via voice vote, CNV
3	That the minor change shown in General Overview section 1 of the committee's job description (available on Basecamp) and the changes shown on pages 8-10 and 15-16 of the committee's Reference Manual (available on Basecamp) be accepted as shown.	PASSED via voice vote, CNV
4	To approve the PTAR #003 resubmission as is and to forward the voting results to RAC along with updated information about this resubmission from Mark Owen.	PASSED via voice vote, CNV
5	That Special Publications editors should use the content Publications Committee developed as "Guide for Publishing with ASHRAE Special Pubs" to create a flowchart that will easily show members the various paths for publication with ASHRAE Special Publications.	PASSED via voice vote, CNV

* Votes for these motions are recorded as yes-no-abstain; CNV = chair not voting.

ACTION ITEMS		
No.	Responsibility	Action Item
		(none)

1. Call to Order and Pronouncement of Quorum

Gerardo Alfonso called the meeting to order at 8:03 a.m. Eastern Time and noted that a quorum was present.

2. Roll Call/Welcome/Introductions

Members and guests introduced themselves.

3. ASHRAE Code of Ethics Commitment

Gerardo Alfonso read the following excerpt from the ASHRAE Code of Ethics:

In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, inclusiveness and respect for others, which exemplify our core values of excellence, commitment, integrity, collaboration, volunteerism and diversity, and



we shall avoid all real or perceived conflicts of interests.

(Code of Ethics: <https://www.ashrae.org/about/governance/code-of-ethics>)

(Core Values: <https://www.ashrae.org/about/ashrae-s-core-values>)

4. Review and Approval of the Agenda

After discussing two changes, it was moved and seconded that the agenda for this meeting be adopted as amended.

5. Remarks from BOD ExO

Blake Ellis, BOD ExO, presented the Society business as noted in the ASHRAE Leadership Presentation ([available on Basecamp](#)).

6. Approval of Past Meeting Minutes

It was moved and seconded to approve the minutes of the May 11, 2023, Publications Committee conference call (**MOTION #1**):

Motion:

To approve the minutes of the Publications Committee conference call held on May 11, 2023.

MOTION #1 PASSED with a voice vote (no no votes, no abstentions, CNV).

7. Magazines, Newsletters, and Podcasts

7.1. Editor's Report

The new *ASHRAE Journal* Editor, Drew Champlin, introduced himself and presented the Journal Editor's Report ([available on Basecamp](#)). Incoming committee member Frank Mills shared with Champlin that one of the strengths of the magazine is that it doesn't forget that ducts and the like exist in buildings, which is something other magazines in the industry sometimes forgo in favor of current hot topics. He encouraged Champlin to retain that for *ASHRAE Journal*. Steve Kavanaugh also praised the recent Hidden Figures article, noting its importance for DEI in ASHRAE.

Committee members then provided some suggestions to Champlin. Cameron Labunski suggested Champlin determine metrics by which he can track his stated goals and that the magazine would do well to continue publishing articles on HVAC fundamentals that can be pulled out for new hires decades after they've been published. Kavanaugh suggested that Journal staff look at the professions and ages of the people responding to comments about the articles. Incoming committee member Robin Bryant suggested that Journal staff remedy the fact that there is rarely representation in the magazine for the second largest demographic of ASHRAE members: contractors. Mills requested the Journal include more case studies, as they are good for young engineers and contractors alike. Kay Thrasher suggested that this committee could be a good resource for staff, informing them of current trends articles should cover. Thrasher also reminded everyone that "Journal is the face of ASHRAE in everybody's office." Gerardo Alfonso noted that young people these days tend not to read, they listen, so there was some agreement that there should be Journal podcasts about the articles, or even audio files of someone reading the articles. Alfonso also suggested it might be helpful for staff to include "reading time" and "technical level" and "audience" for each article so readers can know how much time they are about to invest in an article. Kurt Monteiro noted readers need a way to consume the Journal content on their smartphones. He added that libraries have a way to allow you to download, read, keep your place, and return to that place on ebooks and suggests that *ASHRAE Journal* offer a similar digital version. Blake Ellis acknowledged



that Champlin has been on the job for only 5 days and suggested he be given some time to develop a plan to present to the committee in Chicago in January 2024.

ASHRAE Journal Managing Editor Kelly Barraza noted that now that the Journal staff includes Champlin *and* is up to full staff capacity again, they will together determine the criteria for the different article types that have been developed over the years and develop a means of conveying that information to members and prospective authors.

7.2. Journal Survey Results

Cindy Michaels shared the Journal Survey response results provided by Tani Palefski:

- January: 5 completed
- February: 4 completed, 1 only answered for one article
- March: 5 completed
- April: 4 completed, 1 only answered for one article
- May: 1 completed, 3 only answered for one article
- June: 4 completed, 1 only answered for one article

Gerardo Alfonso directed committee members to read and score the articles they had not yet responded about. He also suggested that in the future the committee might want to review and revise the criteria by which they score the articles.

8. Special Publications

8.1. Editor's Report

Cindy Michaels reviewed the list of Special Publications projects published since the previous conference ([Attachment A](#)), the list of projects currently in hand ([available on Basecamp](#)), and the full list of forthcoming Special Publications projects ([available on Basecamp](#)).

8.2. Note about Taiwan Chapter Translations

Cindy Michaels shared with the committee two things that the ASHRAE Taiwan Chapter has done that she believes are important for serving the translation needs of ASHRAE members and feels could therefore be used as models for other chapters:

- After translating Standard 90.1, the Taiwan Chapter held several purchasing campaigns to make local engineers aware of the translation and directly handle sales of the standard. The chapter collected purchaser names, contact information, and payments, then submitted all information and payments to ASHRAE so the Society could handle the distribution.
- The Taiwan Chapter is currently translating the Tables of Contents (TOCs) of all four Handbook volumes to, in their words, “offer local ASHRAE members and the engineers in HVAC communities with more convenient design reference.” The chapter intends to post the translations of these TOCs on the chapter website so that they can share them with relevant associations and organizations. Per the chapter, “this will stimulate the desire, motivation and mitigate the language barrier of the readers, to take ASHRAE publications as the preferred tools” and “we can also investigate which Handbook Chapters are the most referred, for our next translation consideration.”

Michaels suggested the committee encourage other chapters to do the same by posting this information in the Chapter Notes newsletter. Joslyn Ratcliff, staff member of the Marketing Department, which handles this newsletter, agreed that this kind of information could be published. Michaels agreed to send something to Ratcliff for the next newsletter.



9. Subcommittees and Liaisons

9.1. Planning Subcommittee

9.1.1. TC Chairs Handout

During the Planning Subcommittee meeting for this conference, committee members present reviewed the TC Chairs Handout and agreed to change the *ASHRAE Journal* editor contact to the new editor (Drew Champlin, introduced at this meeting) and to add contact information for those interested in translating ASHRAE material. The revised document is shown in **Attachment B** and is [available on Basecamp](#).

Cindy Michaels asked if committee members thought it would be useful that, in addition to TAC Section Liaisons emailing the TC Chairs Handout to TC leadership, the document also be posted on the TC Resources webpage. There was agreement among committee members that the document should be posted in a permanent place in addition to being emailed, so Michaels agreed to contact appropriate staff to have the handout posted online.

Michaels also suggested that a version of the TC Chairs Handout be made that is aimed at chapters and have it posted on the Chapters Resources webpage as well as included in Chapter Notes. She suggested staff include information on how chapters can submit suggestions for content they'd like to see translated. The committee members likewise agreed to these suggestions. Michaels accepted the task of generating this content.

9.1.2. Revision of Job Description, ROB, MOP, and Reference Manual

Planning Subcommittee members had also reviewed the committee's job description, ROB, MOP, and Reference Manual and determined that consistent terminology needed to be applied to make it clear that only *ASHRAE Journal* technical feature articles are eligible for the Journal Paper Award (as opposed to feature articles or any other type of content published in the Journal).

After review of the proposed revisions, it was moved and seconded that the MOP changes be accepted and forwarded to PEC Planning Subcommittee (**MOTION #2**):

Motion:

That the minor changes shown in Section 2.2.4 of the revised Publications Committee MOP ([available on Basecamp](#)) be accepted and forwarded to PEC Planning Subcommittee for approval and voting.

MOTION #2 PASSED with a voice vote (no no votes, no abstentions, CNV).

[Editor's note: At the PEC Planning Subcommittee meeting held during this conference, it was decided that the changes to the committee's MOP were editorial in nature and did not require PEC approval or voting. Therefore, these changes will be incorporated into the MOP without need for additional approval.]

It was also moved and seconded that the Publications Committee job description and Reference Manual changes be accepted (**MOTION #3**):

Motion:

That the minor change shown in General Overview section 1 of the committee's job description ([available on Basecamp](#)) and the changes shown on pages 8-10 and 15-16 of the committee's Reference Manual ([available on Basecamp](#)) be accepted as shown.

MOTION #3 PASSED with a voice vote (no no votes, no abstentions, CNV).



9.2. Communications Committee liaison

The Communications Committee liaison, Gerardo Alfonso, noted that communication between the committees had been established and introduced Joslyn Ratcliff, staff liaison to Communications Committee, and asked her to speak. Ratcliff stated that the request from Publications Committee during the 2023 Winter Conference that Communications Committee review and consider revisions to their YouTube Posting Guidance was well received by the Communications Committee and that revisions have been made and posted online; the revised content is available [here](#). Ratcliff thanked the Publications Committee for this suggestion.

Ratcliff also informed committee members that Communications Committee is offering an Office Hour during the Tampa conference; this Office Hour is a drop-in session for members to get assistance and guidance from Communications Committee as needed.

9.3. Chapter Technology Transfer Committee (CTTC) liaison

The CTTC liaison, Kay Thrasher, reported that she established communication with CTTC and they admitted they had not previously considered working with Publications Committee but are intrigued by the idea. Thrasher agreed to share the following ideas, generated at this meeting, with CTTC:

- Technology Awards should include Lessons Learned for young engineers and for those interested in learning from projects' mistakes.
- The Handbook TOCs are being translated as a way to determine the local translation needs in Taiwan, and this could be repeated in other areas as well.
- As reported by Frank Mills, that the Hong Kong government is keen on a net zero and net carbon future and therefore wants to publish a decarbonization applications guide specific to Hong Kong. He believes this publication could serve as a model for other parts of the world as well.

9.4. Young Engineers in ASHRAE (YEA) liaison

The YEA liaison, Megan Tosh, reported that though she is unable to attend the YEA meeting in Tampa because she is attending virtually and they have not made their meeting available virtually, she has been in contact with them. Tosh stated that she's shared information about the Application Guides project with them and asked for ideas and input as well as a YEA volunteer to help and advise Publications Committee throughout creation of the first guide. Kurt Monteiro suggested Tosh also ask YEA how they like to consume media (apps, *ASHRAE Journal*, etc.) and provide feedback to Publications Committee, and Tosh agreed to do so.

9.5. Research Administration Committee (RAC) Liaison

The RAC Liaison, Cameron Labunski, reported that he has still received no response from RAC regarding Publications Committee's questions regarding the PTAR process, despite asking again before this conference.

9.6. PTAR Subcommittee

9.6.1. PTAR #003 Resubmission

The committee considered the resubmitted PTAR #003 proposal. After some discussion among members and advice from guest Art Geisler, current PEC member and former RAC member, that



RAC needs sales information from Publications and Education Director Mark Owen to make their decision, it was moved and seconded that the PTAR #003 resubmission be approved as is with a request for additional information from Owen (**MOTION #4**):

Motion:

To approve the PTAR #003 resubmission as is and to forward the voting results to RAC along with updated information about this resubmission from Mark Owen.

MOTION #4 PASSED with a voice vote (no no votes, no abstentions, CNV).

9.6.2. Clarification on PTARs

Cindy Michaels stated that there seems to be some confusion among members about ASHRAE books and their revisions and clarified for those present – and agreed to send an email to all committee members – that not all book projects must be PTARs, because some projects are completed as volunteer projects, and some with royalty agreements with Mark Owen. Steve Kavanaugh said that from his experience writing for ASHRAE he recommends that authors request co-funding from manufacturers – he clarified that ASHRAE would then be in charge of preventing any commercialism that the manufacturers might want to slip in.

This made some members remember the previously planned flowchart of publication paths that had been put on hold while Publications Committee was waiting on a response from RAC about the PTAR process. The members agreed that a response from RAC did not seem forthcoming, so it was moved and seconded that Special Publications staff begin working on that flowchart (**MOTION #5**):

Motion:

That Special Publications editors should use the content Publications Committee developed as “Guide for Publishing with ASHRAE Special Pubs” to create a flowchart that will easily show members the various paths for publication with ASHRAE Special Publications.

MOTION #5 PASSED with a voice vote (no no votes, no abstentions, CNV).

9.7. Technical Activities Committee (TAC) Section Liaisons

Committee members reported on the responses they have and have not received from TC chairs regarding the older ASHRAE publications that need TC review and determination of the books’ current accuracy and usefulness to the market. Kay Thrasher noted that she had spoken to TAC representatives and they conveyed that TAC leadership would like to be copied on all the emails Publications Committee members send to TC leadership, so Cindy Michaels agreed to add the TAC chair and vice chair email aliases to the ASHRAE Special Pubs Review List. That revised spreadsheet, including all the updates received as of June 30, 2023, is [available on Basecamp](#).

10. Strategic Plan Recommendations

Blake Ellis noted that the revisions to the Society’s Strategic Plan start July 1, so time is of the essence if the committee has suggestions (which should go up through PEC).

11. Old Business

11.1. MBOs for the 2022-2023 Society Year

Gerardo Alfonso asked all MBO leads to provide updates on the MBOs for the 2022-2023 Society year ([available on Basecamp](#)) if additional progress had been made since they last provided updates



on the committee's conference call held on May 11, 2023. For most MBOs the latest update is included in the minutes of that conference call ([available on Basecamp](#)); for the minutes for this meeting Alfonso asked Atilla Biyikoglu to provide a summary of the outcome for MBOs 8 and 9 – it is included as **Attachment C**. Kay Thrasher recommended that the committee determine how to disseminate the pilot project developed for these MBOs as a model for others to follow.

It was noted that the following MBOs are ongoing and will likely continue into the next year: 1, 2, 3, and 7. It was determined that the following MBOs are complete: 4, 5, 6, 8, 9, 11, and 12. MBO 10 has been tabled.

12. New Business

12.1. New Consideration for all Motions

Cindy Michaels relayed to the committee the instruction from ExCom that “staff impact” should be added (along with background and fiscal impact) to all Society motions to ensure that there is thoughtful consideration of a proposed motion's impact on staff.

12.2. Determine Day and Time of Committee Conference Calls

Publications Committee members present decided that the committee's bimonthly conference calls should continue to be held every second Thursday at 11:00 a.m. Eastern Time.

12.3. Turnover of Committee to New Chair

Gerardo Alfonso thanked Publications Committee members for the opportunity to work with them and to help the Society grow for current members and for the next generation. He welcomed Vinay Ananthachar as the next Publications Committee chair, who said he is honored to serve in this position, is confident the committee can make progress and a positive impact, and looks forward to working with everyone. Ananthachar also stated that before he shares his MBOs with the committee he wants to do a high-level review and consolidate MBOs by common themes, as well as have fewer MBOs next year. Ananthachar's MBOs will be presented to the committee members at the committee's next conference call.

13. Announcements

Incoming committee member and host chapter member Robin Bryant encouraged everyone to attend the Welcome Party, where the history of Tampa will be on wide display, and Members' Night Out, which will have an 80s and 90s cover band. She also informed the committee that her chapter has started a new program where high school students can volunteer with the chapter to earn college scholarships.

Cindy Michaels reminded committee members that they can nominate others to hold leadership positions within ASHRAE at <https://www.ashrae.org/communities/committees/committee-nominations>.

Michaels also reminded committee members about the revival of the thank-you notes to companies that Blake Ellis discussed in his ASHRAE Leadership Presentation. Art Geisler clarified for members that they can request a thank-you note once per year.

14. Adjournment

Gerardo Alfonso adjourned the meeting at 11:37 a.m.



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Respectfully submitted,

A handwritten signature in black ink that reads "Cindy Michaels". The signature is written in a cursive, flowing style.

Cindy Michaels
Staff Liaison to Publications Committee
Editor, Special Publications

ASHRAE Special Publications— Projects Published Since the 2023 ASHRAE Winter Conference

January 2023

- *Design Guidance for Education Facilities: Prioritization for Advanced Indoor Air Quality*

February 2023

- Standard 90.4-2022, *Energy Standard for Data Centers*
- Standard 214-2017 (RA 2023), *Standard for Determining and Expressing Building Energy Performance in a Rating Program*
- Standard 70-2023, *Method of Testing the Performance of Air Outlets and Air Inlets*

March 2023

- ASHRAE Position Document on Building Decarbonization – Portuguese
- Standard 230-2022 – Spanish
- Standard 228-2023, *Standard Method of Evaluating Zero Net Energy and Zero Net Carbon Building Performance*
- Guideline 10-2023, *Interactions Affecting the Achievement of Acceptable Indoor Environments*

April 2023

- ASHRAE and SCANVAC HVAC Cold Climate Conference 2023 Papers and Proceedings
- *Guide for Resilient Thermal Energy Systems in Hot and Humid Climates* [ERDC]
- Guideline 38-2023, *Guideline for Using Metal Pressure Vessels to Test Materials Used in Refrigeration Systems*

May 2023

- ASHRAE Global HVAC&R Summit Final Report – French
- ASHRAE Global HVAC&R Summit Final Report - Spanish
- ASHRAE Global HVAC&R Summit Final Report - Romanian
- ANSI/ASHRAE/ACCA Standard 211-2018 (RA2023), *Standard for Commercial Building Energy Audits*
- ANSI/ASHRAE Standard 41.3-2023, *Standard Methods for Fuel Higher Heating Value Measurement HVAC Design Guide for DOE Nuclear Facilities*, 2nd ed.
- Standard 188 – Spanish

June 2023

- *Lucy's Engineering Adventure* – Arabic
- *Lucy's Engineering Adventure* – Portuguese
- *Lucy's Engineering Adventure* – Serbian
- *Lucy's Engineering Adventure* – Croatian
- *ASHRAE Design Guide for Commercial Kitchen Ventilation*
- *Design Guidance for Education Facilities*, version 2



Publications Committee

Information for TC/TG/MTG Chairs

The following are ASHRAE publication types that fall under the scope of Publications Committee, with information on how to submit proposals or contact ASHRAE staff with questions:

Publication Type	How to Submit Proposals	ASHRAE Staff Contact
ASHRAE Journal articles (technical, for practicing engineers)	www.ashrae.org/technical-resources/ashrae-journal/submission-guidelines-for-ashrae-journal	ASHRAE Journal Editor, Drew Champlin, DChamplin@ashrae.org
Books	<p>Individual authors, authoring groups, and TC/TG/MTG volunteer efforts: http://cms.ashrae.biz/forms/pubplan/index.php</p> <p>TC/TG/MTG paid efforts: Use the Publication Topic Acceptance Request template available at https://www.ashrae.org/technical-resources/research</p>	<p>Special Publications Editor, Cindy Michaels, cmichaels@ashrae.org</p> <p>Manager of Research and Technical Services, morts@ashrae.net</p>
ASHRAE Journal Podcast	Submit topic or guest suggestions via email to ASHRAE Journal Managing Editor Kelly Barraza at kbarraza@ashrae.org	
Insights, HVAC&R Industry News, and ASHRAE Journal Newsletter	Submit article or topic suggestions via email to ASHRAE Journal Assistant Editor Kaitlyn Baich at kbaich@ashrae.org	
CDs/DVDs/Software/ Online databases	http://cms.ashrae.biz/forms/pubplan/index.php	Special Publications Editor, Cindy Michaels, cmichaels@ashrae.org
Apps	https://xp20.ashrae.org/secure/special_pubs/app_propose/	Special Publications Editor, Cindy Michaels, cmichaels@ashrae.org
Translations of ASHRAE's books, standards, guidelines, position documents, white papers, or reports	Submit requests to translate specific titles via email to Special Publications Editor Cindy Michaels at cmichaels@ashrae.org	

Your Publications Committee TAC Section Liaison will establish contact with you via email. The Publications Committee Chair can be reached at pubchair@ashrae.net.

The Publications Committee can help your vision become a reality!

Tools to Assist You in Writing Content

- **ASHRAE Terminology** (www.ashrae.org/ASHRAETerms)
Ensure consistency using this free online glossary of more than 3700 terms related to the built environment.
- **ASHRAE Authoring Portal** (<https://authoring.ashrae.org/>)
Collaborate with coauthors using this secure platform for copyrighted intellectual property.
- **ASHRAE Technology Portal** (www.ashrae.org/technologyportal)
Find published source material in downloadable PDF format.
 - Current volumes of ASHRAE Handbook (free to members!)
 - ASHRAE Journal articles and ASHRAE Research Reports (free to members!)
 - ASHRAE Technical and Conference Papers and Conference Seminars (available by subscription)
- **Authoring Tools** (www.ashrae.org/technical-resources/authoring-tools)
 - Links for learning about writing for various ASHRAE Publications
 - Interactive Authors' Manual for Books and Papers
 - ASHRAE SI Guide for HVAC&R
- **Free Resources** (www.ashrae.org/freeresources)
Obtain resources available freely to the public as well as resources available to Members only.
- **Latest Publications** (www.ashrae.org/bookstore)
Learn more about ASHRAE's most recent publications.
- **Upcoming Publications** (www.ashrae.org/technical-resources/bookstore/upcoming-ashrae-publications)
See what publications are in the works at ASHRAE.

PUBLICATIONS COMMITTEE 2022-23

Project Title: Pilot Study to Increase International Outreach of ASHRAE Publications for both best-and-low selling products: Part I. Implementation of Products to a University Course

Summary

The purpose of this work is to increase international outreach and benefit of ASHRAE Publications via a University Course. A pilot study was initiated in collaboration with Altinbas University and ASHRAE Turkish Chapter. Course content and topics were determined by the ASHRAE TC experts as "Air Conditioning and Its Applications" under the existing course named "Special Topics in Mechanical Engineering" in Mechanical Engineering English Master's Program. For the application of the course in Turkish Master's Programs, the translation of the "Understanding Psychrometrics" book to be used in the course into Turkish was started in 2022 and is aimed to be completed in 2024. If necessary, a DL to be determined by the Society through the local CTTC will make a presentation as an invited speaker within the scope of the course. As a second step, the logarithmic product curve, which gives the sales revenues obtained against the number of products sold so far, was created and the low and high sales products in the regions where deviations from the linear region were determined and then related ASHRAE products were grouped matching the course topics for the highest and lowest products and presented to the course instructors for selection. It is planned to translate them into local language in order to increase the use of the low-selling products by the students. Depending on the type of ASHRAE product chosen as course material, it will be marketed directly to students or through the university for student groups. After the adaptation of the ASHRAE products selected in the 2023-24 period to the course, the sales status of the products will be determined in the 2024-2025 period.

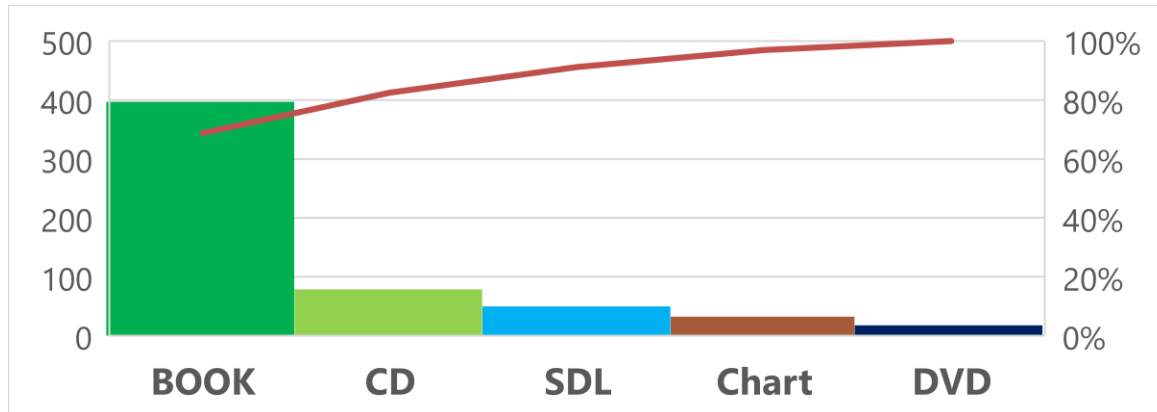
Project Title: Pilot Study to Increase International Outreach of ASHRAE Publications for both best-and-low selling products: Part II. Promoting the standards and regulations

Summary

The aim of this project is to create product awareness all over the world by classifying the regulations and standards within the scope of need, by promoting the standards through CTTCs, trade and stock exchange associations of countries, chambers of mechanical engineers and architects and similar institutions and organizations. As a pilot study, ASHRAE 228* "Standard Method of Evaluating Zero Net Energy and Zero Net Carbon Building Performance" Standard, published in 2023, has started to be published on the HVAC website** prepared by the Union of Chambers and Commodity Exchanges of Turkey (TOBB). By evaluating future product demands through unions and NGOs, ASHRAE's cooperation with the institutional structures of countries will be increased.

Background

Product Sales Status Analysis



Amount of YTD Sales vs. Number of Books



Project Need

Publication Committee 2022-23 MBO #8 and #9

MBO #8: Identify all unprofitable/unused publications and formulate an action plan

MBO #9: Increase International Outreach of ASHRAE Publications

Target Audience

Students, Engineers and Architects

References

- TOBB HVAC web page *
<https://iklim.tobb.org.tr/index.php/duyurular/338-ashrae-i-lk-sifir-net-enerji-ve-sifir-net-karbon-standardini-yayinladi>
- the link ** for the ASHRAE 228 Standard
<https://www.ashrae.org/technical-resources/bookstore/ansi-ashrae-standard-228-standard-method-of-evaluating-zero-net-energy-and-zero-net-carbon-building-performance>