



**VIRTUAL/TELECONFERENCE
COMMERCIAL BUILDING CODE COUNCIL
4822 Madison Yards Way, Virtual, Madison
Contact: Brad Wojciechowski (608) 266-2112
August 9, 2021**

The following agenda describes the issues that the Council plans to consider at the meeting. At the time of the meeting, items may be removed from the agenda. Please consult the meeting minutes for a record of the actions of the Council.

AGENDA

10:00 A.M.

OPEN SESSION – CALL TO ORDER – ROLL CALL

- A. Adoption of Agenda (1)**
- B. Approval of Minutes from July 12, 2021 (2-3)**
- C. Reminders: Scheduling Concerns**
 - 1) Attendance Conflicts Impacting August 9, 2021 Meeting
 - 2) Attendance Confirmation for September 13, 2021 Meeting
- D. Administrative Matters – Discussion and Consideration**
 - 1) Department, Staff and Committee Updates
- E. Administrative Rules Matters – Discussion and Consideration**
 - 1) SPS Suggested Code Changes **(4-10)**
 - a. 2021 International Mechanical Code (IMC)
 - b. SPS 364 – Heating, Ventilating and Air Conditioning
- F. Public Comments**

ADJOURNMENT

NEXT MEETING: SEPTEMBER 13, 2021

MEETINGS AND HEARINGS ARE OPEN TO THE PUBLIC, AND MAY BE CANCELLED WITHOUT NOTICE.

Times listed for meeting items are approximate and depend on the length of discussion and voting. All meetings are held at 4822 Madison Yards Way, Madison, Wisconsin, unless otherwise noted. In order to confirm a meeting or to request a complete copy of the board's agenda, please call the listed contact person. The board may also consider materials or items filed after the transmission of this notice. Times listed for the commencement of disciplinary hearings may be changed by the examiner for the convenience of the parties. Requests for interpreters for the deaf or hard of hearing, or other accommodations, are considered upon request by contacting the Affirmative Action Officer, 608-266-2112, or the Meeting Staff at 608-266-5439.

**VIRTUAL/TELECONFERENCE
COMMERCIAL BUILDING CODE COUNCIL
MEETING MINUTES
JULY 12, 2021**

PRESENT: Jennifer Emberson Acker, Michael Adamavich, Kevin Bierce, Justin Gavin, Steven Harms, William Hebert, Steven Howard, Richard Paur, Irina Ragozin, Brian Rinke

EXCUSED: Matthew Marciniak

STAFF: Carl Hampton, DPD Division Administrator; Brad Wojciechowski, Executive Director; Jameson Whitney, Legal Counsel; Eric Hansen, Consultant, Building Systems-Senior; Thomas Westlund, Consultant, Building Systems-Senior; Garry Krause, Bureau Director, Safety and Buildings; Kimberly Wood, Program Assistant-Adv.; Megan Glaeser, Bureau Assistant; and other Department Staff

CALL TO ORDER

Richard Paur, Chairperson, called the meeting to order at 10:00 a.m. A quorum was confirmed with nine (9) members present.

ADOPTION OF AGENDA

Amendments to the Agenda:

- Under item “F. Public Agenda Requests – Discussion and Consideration” **REMOVE:**
 - “2) Feedback Regarding IECC C404.5

MOTION: Steven Harms moved, seconded by Kevin Bierce, to adopt the Agenda as amended. Motion carried unanimously.

APPROVAL OF MINUTES FROM JUNE 14, 2021

MOTION: Jennifer Emberson Acker moved, seconded by William Hebert, to approve the Minutes of June 14, 2021 as published. Motion carried unanimously.

ADMINISTRATIVE RULE MATTERS

SPS Suggested Code Changes

MOTION: Kevin Bierce moved, seconded by Irina Ragozin, to recommend approval of SPS 363 Energy Conservation (sections 363.0101, 363.0202, 363.0302, 363.0303, 363.0401, 363.0402, 363.0403, 363.0405, 363.0406, 363.0407, 363.0408, 363.0502, 363.0503, 363.0600, 363.5101, 363.5202, 363.5302, 363.5303, 363.5401, 363.5402, 363.5403, 363.5405, 363.5502, 363.5503, and 363.5600) as outlined in the 7/12/2021 agenda materials with appropriate notes. Motion carried unanimously.

MOTION: Irina Ragozin moved, seconded by Steven Harms, to table discussion of SPS 363.0404 until a future meeting. Motion carried unanimously.

ADJOURNMENT

MOTION: Steven Harms moved, seconded by Brian Rinke, to adjourn the meeting. Motion carried unanimously.

The meeting adjourned at 12:07 p.m.

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**State of Wisconsin
Department of Safety & Professional Services**

AGENDA REQUEST FORM

1) Name and title of person submitting the request: Erik Hansen, Consultant Building Systems on behalf of Justin Gavin, Section Chief Commercial Buildings		2) Date when request submitted: 7/26/2021 Items will be considered late if submitted after 12:00 p.m. on the deadline date which is 8 business days before the meeting	
3) Name of Board, Committee, Council, Sections: Commercial Building Code Council			
4) Meeting Date: 8/9/2021	5) Attachments: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6) How should the item be titled on the agenda page? Recommendations and Proposed Changes to IMC and SPS 364	
7) Place Item in: <input checked="" type="checkbox"/> Open Session <input type="checkbox"/> Closed Session	8) Is an appearance before the Board being scheduled? <i>(If yes, please complete Appearance Request for Non-DSPS Staff)</i> <input type="checkbox"/> Yes <input type="checkbox"/> No	9) Name of Case Advisor(s), if required:	
10) Describe the issue and action that should be addressed: Proposed changes to the 2021 International Mechanical Code and associated Wisconsin Amendments. See attached spread sheet . Submitted for acceptance by the Council.			
11) Authorization			
Signature of person making this request Justin Gavin		Date	
Supervisor (if required)		Date	
Executive Director signature (indicates approval to add post agenda deadline item to agenda)			
Date			
Directions for including supporting documents: 1. This form should be attached to any documents submitted to the agenda. 2. Post Agenda Deadline items must be authorized by a Supervisor and the Policy Development Executive Director. 3. If necessary, provide original documents needing Board Chairperson signature to the Bureau Assistant prior to the start of a meeting.			

Wisconsin Department of Safety and Professional Services

DRAFT – SUBJECT TO CHANGE

Recommendations and Proposed Changes to IMC and SPS 364
Final Draft for Code Committee Meeting
August 9, 2021

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2021 INTERNATIONAL MECHANICAL CODE – IMC (SPS 364)

COMMERCIAL PROVISIONS

NO.	IMC/SPS	ISSUE/REASON FOR CHANGE	PROPOSED BY	EXISTING LANGUAGE/PROPOSED CHANGE	POTENTIAL IMPACT/COST	COMMENTS/STATUS
	GENERAL	CLARIFICATION / CORRECTIONS	DIS	ICC SUMMARIZES MANY OF THE CHANGES TO THE 2021 EDITION AS “REARRANGING FOR CLARITY AND EASIER READING”. THE REQUIREMENTS HAVE NOT CHANGED BUT THE LOCATION WITHIN THE CODE HAS. CORRECT USE OF “EXCEPTION”, “CONDITION” AND “ITEM” IN AMENDMENT LANGUAGE AS APPROPRIATE. CORRECT CODE SECTION REFERENCES AS APPLICABLE TO 2021 EDITION VERIFY/CORRECT OTHER TESTING AGENCIES, REFERENCED CODES AND CODE SECTIONS AS APPLICABLE. MINOR CHANGES TO CODE LANGUAGE THAT DOES NOT SIGNIFICANTLY IMPACT STAKEHOLDERS, ADD SIGNIFICANT COST TO PROJECTS PHYSICALLY OR PROCEDURALLY OR IMPACT DEPARTMENT REQUIREMENTS OR PROCESSES ARE DEEMED ACCEPTABLE.	N/A	ERIK
	CHAPTER 1	UPDATE	DIS	SCOPE AND ADMINISTRATION NO MAJOR CHANGES, NOTE THAT WISCONSIN EXCLUDES ALL OF CHAPTER 1 WITH THE EXCEPTION OF 102.8 – REFERENCED CODES AND STANDARDS. RECOMMEND TO ACCEPT AS WRITTEN.	NONE	ERIK
	364.0001	CLARIFICATION	DIS	364.0001 – SCOPE: RETAIN AMENDMENT, REVISE FOR CLARITY.	NONE	ERIK
	364.0100	UPDATE	DIS	364.0100 – CHANGES, ADDITIONS OR OMISSIONS TO IMC: RETAIN AMENDMENT AS CURRENTLY WRITTEN.	NONE	ERIK
	364.0101	UPDATE	DIS	364.0101 – SCOPE: RETAIN AMENDMENT AS CURRENTLY WRITTEN.	NONE	ERIK
	CHAPTER 2	CLARIFICATION	DIS	DEFINITIONS MINOR CHANGES AND ADDITIONS. RECOMMEND TO ACCEPT AS WRITTEN.	NONE	ERIK

364.0202	CLARIFICATION	DIS	SPS 364.0202 – GENERAL DEFINITIONS: RETAIN AMENDMENT AS CURRENTLY WRITTEN. ADDRESS DEFINITION OF MOTORIZED VEHICLE TO MATCH WITH IBC.	MINIMAL	ERIK
CHAPTER 3	CLARIFICATION	DIS	GENERAL REGULATIONS CHANGES TO CONDENSATE DISCHARGE AND DRAIN REQUIREMENTS. RECOMMEND TO ACCEPT AS WRITTEN.	MINIMAL	ERIK
364.0300	UPDATE/ CORRECT	DIS	SPS 364.0300 – HEALTH CARE FACILITIES: RETAIN AMENDMENT AS CURRENTLY WRITTEN, VERIFY REQUIREMENTS WITH DHS. REASSIGN TO SPS 364.0407(2021). CORRECT.	NONE	ERIK
364.0301	CORRECT	DIS	SPS 364.0301 – GENERAL REGULATIONS: RETAIN AMENDMENT AS CURRENTLY WRITTEN, UPDATE, CORRECT ERRATA.	NONE	ERIK
364.0304	UPDATE	DIS	SPS 364.0304 – INSTALLATION: RETAIN AMENDMENT AS CURRENTLY WRITTEN, UPDATE.	NONE	ERIK
364.0307	UPDATE	DIS	SPS 364.0307 – AUXILIARY AND SECONDARY DRAIN SYSTEMS: RETAIN AMENDMENT AS CURRENTLY WRITTEN, UPDATE.	NONE	ERIK
364.0309	UPDATE	DIS	SPS 364.0309 – TEMPERATURE CONTROL: RETAIN AMENDMENT AS CURRENTLY WRITTEN, UPDATE.	NONE	ERIK
364.0312	UPDATE	DIS	SPS 364.0312 – HEATING AND COOLING LOAD CALCULATIONS: RETAIN AMENDMENT AS CURRENTLY WRITTEN, UPDATE.	NONE	ERIK
364.0313	UPDATE	DIS	SPS 364.0313 – OTHER REQUIREMENTS: RETAIN AMENDMENT AS CURRENTLY WRITTEN, UPDATE.	NONE	ERIK
CHAPTER 4	CLARIFICATION	DIS	VENTILATION MINOR CHANGES AND CLARIFICATIONS. RECOMMEND TO ACCEPT AS WRITTEN.	MINIMAL	ERIK
364.0401	UPDATE	DIS	364.0401 – VENTILATION: RETAIN AMENDMENT AS CURRENTLY WRITTEN, REVISE 363.0401(2)(B) TO REQUIRE MECHANICAL EXHAUST VENTILATION IN CHLORINE STORAGE AND HANDLING ROOMS DURING TIMES WHEN THE BUILDING IS OCCUPIED AND UNOCCUPIED. UPDATE.	NONE	ERIK
364.0402	UPDATE/ CLARIFY	DIS	364.0402 – NATURAL VENTILATION: RETAIN AMENDMENT AS CURRENTLY WRITTEN, UPDATE. ADD “AIRCRAFT HANGERS (SINGLE AIRCRAFT WITH NO ADJACENT OCCUPANCIES)” TO TABLE SPS 364.0402. ADD “DWELLINGS, SINGLE AND MULTIPLE” TO HEADING TO INCLUDE VARYING KITCHEN TYPES. ADD “APARTMENTS, CONDOMINIUMS AND TOWNHOUSES” TO “DWELLING” HEADING IN TABLE 364.0402 FOR CLARIFICATION.	NONE	ERIK

364.0403	UPDATE/ CORRECT/ CONSISTENCY	DIS	364.0403 – MECHANICAL VENTILATION: REVISE AMENDMENT AS CURRENTLY WRITTEN; ADD REQUIREMENT FOR 7.5 CFM OF OUTSIDE AIR PER 100 SQUARE FEET OF CORRIDOR OR OCCUPANT DENSITY OF 10 PEOPLE PER 1,000 SQUARE FEET. ADD REQUIREMENT FOR “EVIDENCE STORAGE” REQUIRING A MINIMUM OF .5 CFM/SF WHEN OCCUPIED PER IMC 401.3/501.4. CORRECT FOOTNOTE O AND C. REVISE FOOTNOTE M TO INCORPORATE SOURCE CAPTURE FOR NAIL SALONS AND BEAUTY SALONS THAT PROVIDE NAIL SERVICES. UPDATE.	NONE	ERIK
364.0404	UPDATE	DIS	364.0404 – ENCLOSED PARKING GARAGES: RETAIN AMENDMENT AS CURRENTLY WRITTEN, UPDATE.	NONE	ERIK
CHAPTER 5	CLARIFICATION	DIS	EXHAUST SYSTEMS MINOR CHANGES AND CLARIFICATIONS. SOME SECTIONS REARRANGED FOR CLARITY AND EASIER APPLICATION. RECOMMEND TO ACCEPT AS WRITTEN.	MINIMAL	ERIK
364.0501	CORRECT/ UPDATE	DIS	364.0501 – GENERAL: RETAIN AMENDMENT AS CURRENTLY WRITTEN, CORRECT, UPDATE.	NONE	ERIK
364.0502	UPDATE	DIS	364.0502 – REQUIRED SYSTEMS: RETAIN AMENDMENT AS CURRENTLY WRITTEN, UPDATE.	NONE	ERIK
364.0505	DELETE	DIS	364.0505 – DOMESTIC KITCHEN EXHAUST EQUIPMENT: DELETE AMENDMENT – DOMESTIC RANGE HOODS TO BE REQUIRED IN OTHER THAN GROUP R OCCUPANCIES.	SIGNIFICANT	ERIK
364.0506	CHANGE	DIS	364.0506 – COMMERCIAL KITCHEN GREASE DUCTS AND EXHAUST EQUIPMENT: DELETE (1)(C) – GREASE DUCT TESTING SHALL BE REQUIRED.	MINIMAL	ERIK
364.0507	CORRECTION	DIS	364.0507 – COMMERCIAL KITCHEN HOODS: DELETE 364.0507(2) – MINIMUM AIRFLOW FOR TYPE I HOODS AT DISHWASHING EQUIPMENT REQUIRED TO BE PER THIS SECTION (100 CFM). UPDATE.	MINIMAL	ERIK
364.0513	UPDATE	DIS	364.0513 – SMOKE CONTROL SYSTEMS: RETAIN AMENDMENT AS CURRENTLY WRITTEN, UPDATE.	NONE	ERIK
364.0514	UPDATE	DIS	364.0514 – ENERGY RECOVERY VENTILATION SYSTEMS: RETAIN AMENDMENT AS CURRENTLY WRITTEN, UPDATE.	NONE	ERIK
CHAPTER 6	CLARIFICATION	DIS	DUCT SYSTEMS CHANGES FOR THE PURPOSES OF CLARITY AND ALIGNMENT WITH OTHER AREAS OF THE CODE. RECOMMEND TO ACCEPT AS WRITTEN.	MINIMAL	ERIK
364.0601	UPDATE	DIS	364.0601 – GENERAL: RETAIN AMENDMENT AS CURRENTLY WRITTEN, UPDATE.	NONE	ERIK
364.0602	CHANGE	DIS	364.0602 – PLENUMS: DELETE AMENDMENT – WORDING IN 2021 IMC ADDRESSES PREVIOUS CONCERNS.	MINIMAL	ERIK

364.0606	UPDATE	DIS	364.0606 – SMOKE DETECTION SYSTEM CONTROL: RETAIN AMENDMENT AS CURRENTLY WRITTEN, VERIFY REFERENCES WITH DHS. NOTE THAT THIS AMENDMENT IS AN “INFORMATIONAL NOTE” THAT PROVIDES CLARIFICATION TO DHS AND DOES NOT TYPICALLY APPLY TO A DSPS REVIEW.	NONE	ERIK
364.0607	UPDATE	DIS	364.0607 – DUCTS AND AIR TRANSFER OPENINGS: RETAIN AMENDMENT AS CURRENTLY WRITTEN, UPDATE.	NONE	ERIK
CHAPTER 7	UPDATE	DIS	COMBUSTION AIR MINOR CHANGES. RECOMMEND TO ACCEPT AS WRITTEN.	NONE	ERIK
364.0701	CORRECT	DIS	COMBUSTION AIR: RETAIN AMENDMENT AS CURRENTLY WRITTEN, UPDATE, CORRECT.	NONE	ERIK
CHAPTER 8	UPDATE	DIS	CHIMNEYS AND VENTS MINOR CHANGES.	NONE	ERIK
364.0801	UPDATE	DIS	CHIMNEYS AND VENTS: RETAIN AMENDMENT AS CURRENTLY WRITTEN, UPDATE. RECOMMEND TO ACCEPT AS WRITTEN.	NONE	ERIK
364.0802	DELETE	DIS	DOOR SWING: DELETE AMENDMENT	MINIMAL	ERIK
CHAPTER 9	UPDATE	DIS	SPECIFIC APPLIANCES, FIREPLACES, AND SOLID FUEL-BURNING EQUIPMENT MINOR CHANGES. RECOMMEND TO ACCEPT AS WRITTEN.	NONE	ERIK
364.0918	UPDATE	DIS	364.0918 – FORCED-AIR WARM-AIR FURNACES: RETAIN AMENDMENT AS CURRENTLY WRITTEN, UPDATE.	NONE	ERIK
CHAPTER 10	CLARIFICATION	DIS	BOILERS, WATER HEATERS AND PRESSURE VESSELS EXPANDED DESCRIPTIONS OF REQUIREMENTS FOR CLARITY. RECOMMEND TO ACCEPT AS WRITTEN	NONE	ERIK
364.1001	UPDATE	DIS	364.1001 - BOILERS, WATER HEATERS AND PRESSURE VESSELS: RETAIN AMENDMENT AS CURRENTLY WRITTEN, UPDATE.	NONE	ERIK
CHAPTER 11	CHANGE	DIS	REFRIGERATION MINOR ADDITIONS/CLARIFICATIONS, CHANGE TO EXITING FROM REFRIGERATION MACHINERY ROOMS TO BE VERIFIED IN THE 2021 IBC CHAPTER 10. RECOMMEND TO ACCEPT AS WRITTEN.	SIGNIFICANT	ERIK
364.1101	UPDATE	DIS	364.1101 – REFRIGERATION: RETAIN AMENDMENT AS CURRENTLY WRITTEN, UPDATE.	NONE	ERIK
CHAPTER 12	UPDATE	DIS	HYDRONIC PIPING NO SIGNIFICANT CHANGES. RECOMMEND TO ACCEPT AS WRITTEN.	NONE	ERIK
CHAPTER 13	UPDATE	DIS	FUEL OIL PIPING AND STORAGE MINIOR EDITS. RECOMMEND TO ACCEPT AS WRITTEN.	NONE	ERIK

	CHAPTER 14	UPDATE	DIS	SOLAR SYSTEMS CHANGE FROM "SOLAR SYSTEMS" (VERY GENERIC) TO "SOLAR THERMAL SYSTEMS" (VERY SPECIFIC) IN 2018 RESULTED IN A MAJOR REWRITE OF THIS SECTION CAUSING THE NET CHANGES TO THE 2021 IMC FROM THE 2015 IMC TO BE SIGNIFICANT IN CONTENT BUT PROBABLY NOT IN ACTUAL EFFECT DUE TO INFREQUENT USE OF THESE SYSTEMS IN WISCONSIN. RECOMMEND TO ACCEPT AS WRITTEN.	MINIMAL	ERIK
	CHAPTER 15	NO CHANGES	DIS	REFERENCED STANDARDS NO CHANGES. RECOMMEND TO ACCEPT AS WRITTEN.	N/A	ERIK
	364.1500	UPDATE/ CORRECT	DIS	364.1500 – REFERENCED STANDARDS: RETAIN AMENDMENT AS CURRENTLY WRITTEN, CROSS REFERENCE WITH DHS, UPDATE.	NONE	ERIK
	(CHAPTER 16)	NO CHANGES	DIS	APPENDIX RECOMMEND TO ACCEPT AS WRITTEN.	N/A	ERIK
	364.1600	NO CHANGES	DIS	APPENDICES	N/A	ERIK

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