

MINUTES



The meeting convened at the MBA Office called to order by Michael Coello, of Coello & Associates, at 9:32 a.m.

TASK FORCE MEMBERS PRESENT: Michael Coello, Pattie Stone, Mary Schroeder, Jim Wozniak, Neal Solheim, Mark Benkowski, Robert Franklin, Ron Klassen, Brett Wittig, Scott Satula, Tom Johnson, and Richard Paur.

GUESTS PRESENT: Larry Swaziek, Department of Commerce

After introductions, a motion was made, seconded, and approved to accept the minute from the October 27th, 2009 meeting.

Next, under Old Business, Mr. Satula addressed several of the ongoing questions that the Task Force members had on the requirements of various IRC provisions, including a lengthy discussion on R-value and mass walls.

Next, the Task Force reviewed the Energy Efficiency, Mechanical Administration, General Mechanical System Requirements, and Heating & Cooling Equipment chapters, and flagged the following issues:

CHAPTER-11 ENERGY EFFICIENCY

N1102.1	22.31(1)(b)	IRC climate zone boundaries positioned similarly as UDC	UDC Zone-1 is equivalent to IRC Zone 6 , UDC Zone-2 is equivalent to IRC zone 7
IRC Table N1102.1	UDC Table 22.31-1	Fenestration, skylight, ceiling R & U factors same in both codes, wall R-value increased to R-20 in 2009 in IRC for cavity only insulation versus R-19 in UDC	
IRC Table N1102.1	Table 22.31-1, Note f	footnote f. in UDC table permits compression in wall cavity, IRC has R-20 for wood frame VS UDC of R-19	
IRC Table N1102.2	Table 22.31-1	Footnote k. is not in UDC, UDC matches 2006 IRC	
IRC Table N1102.3	Table 22.31-1	"Slab R value & depth" in table N1102.1 are different than UDC	
	Table 22.31-3	As part of the U-factor tables, UDC has a lower equipment efficiency table (where you must install a higher level of insulation) which is not in IRC	
	Table 22.31-2	UDC has an error, basement wall U value should be 0.059 not 0.065	INFORMATIONAL ONLY
N1102.2.3	22.37(3)(a)	<u>Both</u> UDC & IRC require weatherstripping of access hatches and doors between conditioned and unconditioned spaces	
N1102.2.4	22.32	Scuttle panel insulation shall be the same R-value as the attic insulation	Not specifically mentioned in UDC
N1102.2.10	22.32	IRC spells out that insulation is not required on the horizontal portion of the foundation that supports the masonry veneer.	Not specifically mentioned in UDC
N1102.4 #9		Air sealing between dwelling units required in IRC	Not in UDC

N1102.4.2.1	22.37	IRC specifies testing options for air leakage	Not in UDC
	Table 22.36-2	There are default values in the UDC for exterior doors with or without storm doors	Not in IRC
Table 601.3.1	22.38	In Zones 6 & 7, the IRC would not allow a class 3 Vapor barrier when the house is sheathed with OSB or plywood	Permitted in UDC
N1102.4.3	21.32(1)(b)	IRC requires all wood burning fireplaces to have a gasketed door	Not specifically mentioned in UDC
N1103.2.1	22.42	Duct insulation requirements in IRC are less restrictive than UDC, IRC requires R-6 in areas other than the attic which are outside of the thermal envelope.	
1103.2.2	22.43	IRC requires a system tightness testing for ducts located outside the conditioned space	Committee recommends removal of this requirement
N1103.3 & .4	22.44	Pipe insulation requirements less restrictive in the UDC for boilers	The UDC only addresses insulating of piping outside the thermal envelope
N1103.3 & .4	22.44	Pipe insulation requirements less restrictive in the UDC for re-circulating hot water pipes	The UDC only addresses insulating of piping outside the thermal envelope
N1103.8		IRC addresses pool heater efficiencies	Not in UDC
N1103.7		IRC addresses snow and ice-melting systems, including sidewalks	Not in UDC
N1104		IRC designates certain lighting efficiencies for at least 50% of the lamps in the home	Not in UDC

CHAPTER-12 MECHANICAL ADMINISTRATION

Chapter 12		Mechanical Administration. This is an administrative chapter that would be amended by Dcomm	
	22.50 - 22.53	UDC has simulated performance alternatives for energy trade-offs	Not in IRC

CHAPTER-13 GENERAL MECHANICAL SYSTEM REQUIREMENTS

M1305.1.2		Appliance access in IRC conflicts with State Electrical Code	
M1307.4		IRC addresses hydrogen generating systems	Not in UDC
M1305.1.3 & .4	21.07	The IRC requires the attic and under-floor space openings to be large enough to remove the appliance	Not in UDC

**CHAPTER-14 HEATING AND COOLING
EQUIPMENT**

M1401.3	23.02(1)	A more thorough review is needed to compare the air temperature design criteria between the two codes	
M1410	23.04(2)(b)	UDC prohibits the use of unvented space heaters, IRC allows them	
P2802	23.04(5)	<i>UDC allows water heaters for space heating, this item would be more appropriately placed in IRC Ch. 14 Mechanical section</i>	
M1407	23.04(3)	IRC addresses duct heaters specifically	Generally addressed by listing in UDC
M1408	23.04(3)	IRC addresses vented floor furnaces specifically	Generally addressed by listing in UDC
M1410	23.04(3)	IRC addresses vented room heaters specifically	Generally addressed by listing in UDC
M1411.4		Auxiliary drain pan required for AC condensates in IRC	Not in UDC
1411.3.1	23.156	IRC specifies drain system requirements for AC condensates	Not in UDC
M1411.5		AC refrigerant lines require additional R-value in IRC	Not in UDC
M1412		IRC addresses absorption cooling equipment	Not in UDC
M1413		IRC addresses evaporative cooling equipment	Not in UDC

The next meeting time and date was then announced to be **January 26th, 2010, beginning at 9:30 a.m.** It was also determined that the chapters to tentatively be reviewed at that meeting will be those numbered 15-23.

Chairman Coello then adjourned the meeting at approximately 3:15 p.m.