

REPORT TO COMMISSION

IRC-2009 Mechanical Code Technical Review Committee

Date: 9 December 2010, REVISED

Introduction

The purpose of this committee is to review and recommend for adoption the Mechanical sections of the International Residential Code 2009. This committee shall review and recommend mechanical building codes with any amendments for adoption by the Commission.

Members

Larry Wilson – Chairman
Kelly Parker – Vice-Chairman
Albert N Janco – Secretary
Joe Reed
Russ Hill
David Goetzche
Glen Cates
Chad Nash
Gregory Clark

Summary

After lengthy discussion and following much deliberation our recommendations are as follows:

CHAPTERS 12, 13 & 14 RECOMMEND TO ADOPT WITH NO CHANGE

CHAPTER 15 RECOMMEND TO ADOPT WITH ONE CHANGE

M1502.3 page 487, Duct termination.

AFTER THIRD SENTENCE ADD: Additionally, exhaust shall not terminate within 3 feet (914mm) of condensing units.

**Justification: Cases have been seen, of damage caused to condensing units by poor placement of this exhaust which is easily avoidable with a small amount of planning.

CHAPTERS 16-23 INCLUSIVE RECOMMEND TO ADOPT WITH NO CHANGES

CHAPTER 24 SECTIONS G2401-G2409 and G2425-2453 inclusive,
RECOMMEND TO ADOPT WITH ONLY THE MODIFICATION OF
G2406.3 page 520, ADD APPROVED BEFORE PROTECTION.

**Justification: The way it was written removes the original intent of requiring manufacturer's listing or direction and gives no replacement authority.

*APPENDIX B, C & D RECOMMEND TO ADOPT WITH NO CHANGES

*Omitted from report in error, but added at Commission meeting.

* Revised 17 November 2010

** *Revised 9 December 2010*

Items Reviewed

CHAPTER 12 - MECHANICAL ADMINISTRATION

Public Comments submitted: None
Motion to Recommend adoption of Chapter 12 without modification Passed 8-0

CHAPTER 13 – GENERAL MECHANICAL SYSTEM REQUIREMENTS

Public Comments submitted:
09-29-2010 Chris Van Rite Table M1601.1.1, page 491 Motion to REJECT Passed 6-2
10-16-2010 Patrick Copeland M1305-1, page 477 Motion to REJECT Passed 8-0
10-16-2010 Patrick Copeland M1305.1.3 exception 2, page 478 Motion to REJECT Passed 8-0
10-12-2010 Greg Clark M1307.3, page 481 Motion to REJECT Passed 8-0
Motion to Recommend adoption of Chapter 13 without modification Passed 8-0

CHAPTER 14 – HEATING AND COOLING EQUIPMENT

Public Comments submitted:
10-06-2010 Gary Kirk M1411.6 Locking Caps Motion to REJECT Passed 7-1
10-12-2010 Greg Clark M1401.4, page 483 Motion to REJECT Passed 7-1
10-12-2010 Greg Clark M1401.5, page 483 Motion to REJECT Passed 8-0
10-12-2010 Greg Clark M1411.3, page 485 Motion to REJECT Passed 8-0
Committee discussion:
Reviewed Section M1411.3
Motion to add "Life Safety Hazard"
Voted to REJECT, Passed
Reviewed Section 1401.4
Motion to reconsider
Failed, 4-3
Motion to Recommend adoption of Chapter 14 without modification Passed 8-0

CHAPTER 15 – EXHAUST SYSTEMS

Public Comments submitted:
10-06-2010 Patrick Copeland M1502.3, page 487 Motion to ACCEPT Passed
10-16-2010 Patrick Copeland M1502.4.1, page 487 Motion to REJECT Passed
10-12-2010 Greg Clark M1503.4, page 488 No proposal No Action
Motion to Recommend adoption of Chapter 15 with proposed modification Passed 8-0

CHAPTER 16 – DUCT SYSTEMS

Public Comments submitted: None
Motion to Recommend adoption of Chapter 16 without modification Passed 7-0

CHAPTER 17 – COMBUSTION AIR

Public Comments submitted: None
Motion to Recommend adoption of Chapter 17 without modification Passed 7-0

CHAPTER 18 – CHIMNEY AND VENTS

Public Comments submitted: None
Motion to Recommend adoption of Chapter 18 without modification Passed 7-0

CHAPTER 19 – SPECIAL FUEL BURNING EQUIPMENT

Public Comments submitted: None
Motion to Recommend adoption of Chapter 19 without modification Passed 7-0

CHAPTER 20 – BOILERS AND WATER HEATERS

Public Comments submitted: None
Motion to Recommend adoption of Chapter 20 without modification Passed 7-0

CHAPTER 21 – HYDRONIC PIPING

Public Comments submitted: None
Motion to Recommend adoption of Chapter 21 without modification Passed 7-0

CHAPTER 22 – SPECIAL PIPING AND STORAGE SYSTEMS

Public Comments submitted: None
Motion to Recommend adoption of Chapter 22 without modification Passed 7-0

CHAPTER 23 – SOLAR SYSTEMS

Public Comments submitted: None
Motion to Recommend adoption of Chapter 23 without modification Passed 7-0

CHAPTER 24 – FUEL GAS (Sections G2401 –G2409, G2425-2453 inclusive)

Public Comments submitted: None

Committee discussion:

Reviewed Section G2406.3, page 520

 Motion to add: "Approved" protection

 Motion to ACCEPT, Passed 7-0

Reviewed Section G2407.4

 Motion to delete: "Makeup air provisions"

 Motion to REJECT, Passed 6-1

Motion to Recommend adoption of Chapter 24 (sections G2401-G2409, G2425-2453 inclusive) with proposed modification Passed 8-0

End of Report