

28 February 2003

Manufactured Housing Consensus Committee

NFPA 1 Batterymarch Park Quincy, MA 02269

Phone: +1(617) 984-7404 Fax: +1 (617) 984-7110 www.nfpa.org

TO: Manufactured Housing Consensus Committee Members

FROM: Robert E. Solomon

DATE: 28 February 2003

SUBJECT: Final Ballot Results for Segmented Ballot #2– Update MHCSS – 2000 Edition of NFPA 501

The 24 February 2003 Ballot Circulation deadline has yielded the following final ballot results:

21 Members Eligible to Vote

20 Ballots Received

Mr. Braun returned three negative vote changes during circulation. These are recorded below and his reasons are included for your information.

1 Ballot Not Returned (Mr. Leven)

0 Abstentions

Affirmative with Comments

1 ROP	(Mr. Zieman)
2 ROP	(Messrs. Vogt, Zieman)
7 ROP/ROC	(Messrs. Weinert, Zieman)
8 ROP/ROC	(Ms. Brenton)
9 ROP/ROC	(Messrs. Ghorbani, Gorman, Portz, Tomasbi, Vogt and Zieman)
10 ROP	(Messrs. Berger, Weinert and Zieman)
11 ROP	(Messrs. Gilson and Zieman)
12 ROP	(Mr. Zieman)
14 ROP	(Mr. Zieman)
21 ROP	(Messrs. Vogt, Zieman and Ms. Walsh-Rogers)
24 ROP	(Ms. Walsh-Rogers)
26 ROP	(Mr. Youse)
27 ROP	(Mr. Youse)
28 ROP	(Mr. Zieman)
33 ROP	(Messrs. Vogt and Zieman)
34 ROP	(Messrs. Vogt and Zieman)
36 ROP/ROC	(Ms. Walsh-Rogers)
42 ROP	(Mr. Zieman)

43 ROP	(Mr. Vogt)
47 ROP	(Mr. Vogt)
51 ROC	(Mr. Zieman)
54 ROP/ROC	(Mr. Vogt)
57 ROP	(Mr. Vogt)
68 ROP/ROC	(Mr. Vogt)
82 ROP	(Mr. Youse)
87 ROP	(Mr. Vogt)
90 ROP	(Mr. Zieman)
91 ROP	(Mr. Vogt)
95a ROP	(Mr. Vogt and Youse)
95q ROP	(Mr. Vogt)
95r ROP	(Messrs. Vogt, Zieman and Ms. Walsh-Rogers)
95x ROP	(Mr. Zieman)
97a ROP/ROC	(Messrs. Youse and Zieman)
97b ROP	(Messrs. Youse and Zieman)
97c ROP	(Messrs. Youse and Zieman)
97d ROP	(Messrs. Youse and Zieman)
97e ROP/ROC	(Messrs. Vogt, Youse and Zieman)

NEGATIVES

2 ROP	(Ms. Walsh Rogers)
4 ROP/ROC	(Messrs. Berger and Gilson)
5 ROP	(Messrs. Berger and Gilson)
6 ROP/ROC	(Mr. Vogt)
8 ROP/ROC	(Mr. Vogt)
9 ROP/ROC	(Mr. LaMont)
10 ROP	(Ms. Brenton, Messrs. Braun, Ghorbani, Gorman, McHale, Portz, Roberts, Tomasbi and Youse)
11 ROP	(Ms. Brenton, Messrs. Braun, Ghorbani, Gorman, McHale, Portz, Roberts, Tomasbi and Youse)
12 ROP	(Ms. Brenton, Messrs. Braun, Ghorbani, Gorman, McHale, Portz, Roberts, Tomasbi and Youse)
20 ROP	(Mr. Gilson)
22 ROP	(Mr. Roberts)
25 ROP	(Mr. Vogt)
26 ROP	(Messrs. Ghorbani, Gorman, Portz, Tomasbi and Vogt)
29 ROP	(Messrs. Ghorbani, Gorman, Portz, and Tomasbi)
30 ROP	(Mr. Gilson)
31 ROP	(Messrs. Berger, Ghorbani, Gilson, Gorman, Portz and Tomasbi)
32 ROP	(Messrs. Berger and Vogt)
35 ROP/ROC	(Ms. Walsh Rogers)
39 ROP	(Mr. Berger)
42 ROP	(Mr. Gilson)
43 ROP	(Mr. Ghorbani, Gorman, Portz and Tomasbi)

28 February 2003

49 ROP	(Mr. Vogt)
64 ROP/ROC	(Mr. Vogt)
65 ROP/ROC	(Mr. Vogt)
87 ROP	(Mr. Roberts)
88 ROP	(Mr. Roberts)
90 ROP	(Messrs. Gilson and Vogt)
91 ROP	(Mr. Gilson)
95o ROP/ROC	(Mr. Gilson)
97e ROP/ROC	(Mr. Vogt)

The MHCC require a letter ballot or an equivalent formal recorded vote with approval *of* two-thirds of the MHCC.

Please note that the following logs did not receive the 2/3 majority to pass. The action on those proposals will be reported as "Reject":

10 ROP
11 ROP
12 ROP

Copies of the Affirmative with comments and Negatives votes are enclosed.

RES/jtm

Jill McGovern
NFPA
1 Batterymarch Park – P.O. Box 9101
Quincy, MA 02269-9101
jmcgovern@nfpa.org

Fax: 617-984-7110
Phone: 617-984-7404

Enclosure

MHCC

Project Manager: Robert Solomon

REC'D FEB 6 2003

Manufactured Housing Consensus Committee
Letter Ballot for MHCC - #2

Vote on the proposed changes to the
 Comparison between NFPA 501 (2000 edition) and 24 CFR 3280 (1999 edition)

AFTER VOTING, RETURN ONE COPY OF BALLOT TO NFPA
1 BATTERYMARCH PARK, QUINCY, MA 02269, OR FAX TO (617)984-7110

Must be received by NFPA
 By: February 6, 2003

Committee Action:
 A = Accept

Send ballot to: Jill McGovern
 jmcgovern@nfpa.org

Negative votes or abstentions must be accompanied with reasons for so voting. Please make comments on a separate sheet.
 If handwritten, please use black ink only. If voting Affirmative on all items, only return this page to NFPA.

With respect to the Committee Actions on the proposed changes that accompanied this ballot, please record me as voting:

- Affirmative on all items, or
- Affirmative except as Indicated below

Date: February 5, 2003

Signed: 

Name: Jack Berger
 Type or Print in black ink

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Vote		
			Affirm With Comment	Neg*	Abstain*
1 ROP	3280.4	A			
2 ROP	103	A			
3 ROC	105(a)(2)(iv)	A			
4 ROP/ROC	105(b)(2)	A		X	
5 ROP	111	A		X	
6 ROP/ROC	113	A			
7 ROP/ROC	206	A			
8 ROP/ROC	207 NEW	A			

* Reasons must accompany these votes

Berger

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
9 ROP/ROC	208	A			
10 ROP	210(b) NEW	A	X		
11 ROP	210(e) NEW	A			
12 ROP	210(f) NEW	A			
13 ROP	301	A			
14 ROP	303(g)(1) and (2) NEW	A			
15 ROP	304(b)(1) NEW	A			
16 ROP/ROC	304(b)(1) NEW	A			
17 ROP	304(b)(1)	A			
18 ROP	305(c)(1)(i)	A			
19 ROP/ROC	305(c)(2)(iv)	A			
20 ROP	305(c)(2)(ii)(B) item #9 Table footnote NEW	A			
21 ROP	305(c)(3)	A			
22 ROP	305(c)(3)(ii)	A			
23 ROP	305(c)(3)(iv)	A			
24 ROP	305(e)(1)	A			
25 ROP	305(g)(1)	A			
26 ROP	305(g)(3) NEW	A			
27 ROP	306(b)	A			
28 ROP/ROC	306(d)	A			
29 ROP	308(a)(2)	A			
30 ROP	308(a)(3) NEW	A			

*Reasons must accompany these votes

Berger

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
31 ROP	308(a)(4) NEW	A		X	
32 ROP	309	A		X	
33 ROP	401(a)	A			
34 ROP	401(b)	A			
35 ROP/ROC	402	A			
36 ROP/ROC	403	A			
37 ROP	404(c)(2)	A			
38 ROP	503	A			
39 ROP	504(c) NEW	A		X	
40 ROP/ROC	504(b)	A			
41 ROP	504(c)(1)(i)	A			
42 ROP	505(a)	A			
43 ROP	506(c)	A			
44 ROC	508(a) and (b)	A			
45 ROP	507(c)	A			
46 ROP	507 (e)	A			
47 ROP	509(c)	A			
48 ROP	510	A			
49 ROP	510(b)	A			
50 ROP	510(c)	A			
51 ROC	510	A			
52 ROP/ROC	511(a)(1)	A			

*Reasons must accompany these votes

Berger

Comments associated with *Negative* and *Affirmative with Comment* Line Item Votes on MHCC Letter Ballot for the Comparison between NFPA 501 (2000 edition) and 24 CFR 3280 (1999 edition)

Submitted By MHCC Member:


Jack BergerDate: February 5, 2003**Negative Votes:**

1. Proposed Change #4 ROP/ROC - 105(b)(2) - This flies in the face of the most basic of accessibility design; that of "Visitability" construction standards. A large percentage of manufactured housing product consumers are elderly who may become (or may currently be) wheelchair users, or may have friends or family who are wheelchair users. I cannot support any standard that establishes a minimum exterior entry of less than a full 32" wide clearance. A standard that prohibits a wheelchair user from basic access to the home is blatantly discriminatory.
2. Proposed Change #5 ROP - 111 - This also violates basic "Visitability" construction standards. I cannot support a standard that establishes minimums prohibiting wheelchair users from even accessing toilet compartments, let alone using the facilities. Again, too many consumers are, will be, or have friends who may be wheelchair users.
3. Proposed Change #31 ROP - 308(a)(4) NEW - 308(a)(2) sets formaldehyde emissions at or below 0.20 PPM. This standard provides for formaldehyde emissions up to 0.30 PPM.
4. Proposed Change #32 ROP - 309 - I do not believe the warning label pertaining to formaldehyde should be deleted.
5. Proposed Change #39 ROP - 504(c) NEW - I do not believe in "liquid vapor barriers". Quality control is extremely difficult with paint-on barriers, and uneven or insufficient application will render the barrier ineffective. The potential also exists for vapor barrier compromise if field repairs are necessary on the home after the set.

Affirmative with Comment Vote:

1. Proposed Change #10 ROP - 210(b) NEW - I have on numerous occasions had to install fire suppression systems in totally detached single family dwellings. I find the concept of residential fire suppression systems in affordable housing somewhat of an oxymoron for the following reasons:
 - The water service line typically has to be much larger than a typical domestic service line to allow for the flow necessary for the sprinkler system. The cost of the initial tap fee increases dramatically with this size.
 - Many water companies and water authorities base their monthly base service fee on the size of the service lateral. This has resulted in monthly base service fees in excess of 500% higher than that for a typical domestic service account.

Berger

- Often the water system itself does not even have the capacity in the main service line to even handle the flow requirements of a residential suppression system necessitating installation of holding tanks and pump systems which do not lend themselves to typical manufactured housing installations, and can cost over \$10,000.
- As the system remains inactive and stagnant, annual service on the system is necessary, which must be performed by a certified fire suppression system contractor. This is costly, and often is neglected due to this cost, rendering the system's functioning questionable were it ever needed in the event of an actual fire.
- The standard establishes a basic life-safety system as opposed to personal property protection system. Manufactured housing units are, by law, already designed for life safety egress.

With all that stated, however, I cannot vote against the standard change. If, because of funding source or local jurisdiction requirements, or if the manufactured housing unit is to be used for non-conventional housing purposes (small group homes, limited care facilities, etc.) which mandate a residential fire suppression system, then a standard should be in place to regulate the design and installation.

Circulation

McGovern, Jill

From: KBKARLSRSANDY@cs.com
Sent: Thursday, February 13, 2003 2:40 PM
To: jmcGovern@nfpa.org
Subject: Letter Ballot #2-Update 2000 edition of NFPA 501

Jill MCGovern:

Please change my vote on items 10 ROP, 11 ROP, AND 12 ROP from AFFIRMATIVE to NEGATIVE.

COMMENT: I believe the current construction standards provide adequate fire protection and sprinkler systems would add unnecessary expense.

Please resend Segmented Ballot Priority List #3- "lost" it.

Karl Braun

REC'D FEB 4 2003

MHCC

Project Manager: Robert Solomon

Manufactured Housing Consensus Committee
 Letter Ballot for MHCC - #2
 Vote on the proposed changes to the
 Comparison between NFPA 501 (2000 edition) and 24 CFR 3280 (1999 edition)

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Must be received by NFPA
 By: February 6, 2003

Committee Action:
 A = Accept

Send ballot to: Jill McGovern
 jmcgovern@nfpa.org

Negative votes or abstentions must be accompanied with reasons for so voting. Please make comments on a separate sheet.
 If handwritten, please use black ink only. If voting Affirmative on all items, only return this page to NFPA.

With respect to the Committee Actions on the proposed changes that accompanied this ballot, please record me as voting:

- Affirmative on all items, or
 Affirmative except as indicated below

Date: February 4, 2003

Signed: Susan L. Brenton

Name: Susan L. Brenton
 Type or Print in black ink

Vote

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With		
			Comment	Neg*	Abstain*
1 ROP	3280.4	(A)			
2 ROP	103	(A)			
3 ROC	105(a)(2)(iv)	(A)			
4 ROP/ROC	105(b)(2)	(A)			
5 ROP	111	(A)			
6 ROP/ROC	113	(A)			
7 ROP/ROC	206	(A)			
8 ROP/ROC	207 NEW	A	X		

* Reasons must accompany these votes

Brenton

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
9 ROP/ROC	208	(A)			
10 ROP	210(b) NEW	A		X	
11 ROP	210(e) NEW	A		X	
12 ROP	210(f) NEW	A		X	
13 ROP	301	(A)			
14 ROP	303(g)(1) and (2) NEW	(A)			
15 ROP	304(b)(1) NEW	(A)			
16 ROP/ROC	304(b)(1) NEW	(A)			
17 ROP	304(b)(1)	(A)			
18 ROP	305(c)(1)(i)	(A)			
19 ROP/ROC	305(c)(2)(iv)	(A)			
20 ROP	305(c)(2)(ii)(B) item #9 Table footnote NEW	(A)			
21 ROP	305(c)(3)	(A)			
22 ROP	305(c)(3)(ii)	(A)			
23 ROP	305(c)(3)(iv)	(A)			
24 ROP	305(e)(1)	(A)			
25 ROP	305(g)(1)	(A)			
26 ROP	305(g)(3) NEW	(A)			
27 ROP	306(b)	(A)			
28 ROP/ROC	306(d)	(A)			
29 ROP	308(a)(2)	(A)			
30 ROP	308(a)(3) NEW	(A)			

*Reasons must accompany these votes

Brenton

MHCC Segmented Ballot - #2: Comments

8ROP: Subsection (a)(1) refers to subsection (b); there is no subsection (b) - the (2) should be changed to (b)

10ROP, 11ROP, 12ROP: I do not believe we need to refer to optional fire sprinklers.

Susan Brenton

Brenton

Grammatical Corrections:

28ROP: The last sentence is incomplete. Suggestion: All manufactured homes designed to be located in Wind Zone II and Wind Zone III **shall have** both vertical and diagonal ties below the outer side walls.

42 ROP: Needs a "." at the end of sentence.

46 ROP: Remove quotation marks at end of subsection

51 ROP: Incorrect references

95m ROP: The last sentence is incomplete.

REC'D FEB 5 2003

MHCC

Project Manager: Robert Solomon

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With respect to the Committee Actions on the proposed changes that accompanied this ballot, please record me as voting:

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 Affirmative except as indicated below

Date: 2/5/2003

Signed: *D J M*
 Name: DANNY C MORROW
Type or Print in black ink

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Vote		
			Affirm With Comment	Neg*	Abstain*
1 ROP	3280.4	A			
2 ROP	103	A			
3 ROC	105(a)(2)(iv)	A			
4 ROP/ROC	105(b)(2)	A			
5 ROP	111	A			
6 ROP/ROC	113	A			
7 ROP/ROC	206	A			
8 ROP/ROC	207 NEW	A			

* Reasons must accompany these votes

Ghorbani

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
9 ROP/ROC	208	A	X		
10 ROP	210(b) NEW	A	X	X	
11 ROP	210(e) NEW	A		X	
12 ROP	210(f) NEW	A	see	X	see email attached
13 ROP	301	A	see	X	see email attached
14 ROP	303(g)(1) and (2) NEW	A			
15 ROP	304(b)(1) NEW	A			
16 ROP/ROC	304(b)(1) NEW	A			
17 ROP	304(b)(1)	A			
18 ROP	305(c)(1)(i)	A			
19 ROP/ROC	305(c)(2)(iv)	A			
20 ROP	305(c)(2)(ii)(B) item #9 Table footnote NEW	A			
21 ROP	305(c)(3)	A			
22 ROP	305(c)(3)(ii)	A			
23 ROP	305(c)(3)(iv)	A			
24 ROP	305(e)(1)	A			
25 ROP	305(g)(1)	A			
26 ROP	305(g)(3) NEW	A		X	
27 ROP	306(b)	A			
28 ROP/ROC	306(d)	A			
29 ROP	308(a)(2)	A		X	
30 ROP	308(a)(3) NEW	A			

*Reasons must accompany these votes

Ghorbani

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
31 ROP	308(a)(4) NEW	A		X	
32 ROP	309	A			
33 ROP	401(a)	A			
34 ROP	401(b)	A			
35 ROP/ROC	402	A			
36 ROP/ROC	403	A			
37 ROP	404(c)(2)	A			
38 ROP	503	A			
39 ROP	504(c) NEW	A			
40 ROP/ROC	504(b)	A			
41 ROP	504(c)(1)(i)	A			
42 ROP	505(a)	A			
43 ROP	506(e)	A		X	
44 ROC	508(a) and (b)	A			
45 ROP	507(c)	A			
46 ROP	507 (e)	A			
47 ROP	509(c)	A			
48 ROP	510	A			
49 ROP	510(b)	A			
50 ROP	510(c)	A			
51 ROC	510	A			
52 ROP/ROC	511(a)(1)	A			

*Reasons must accompany these votes

Ghorbani

SEGMENTED BALLOT #2

AMENDMENTS, COMMENTS, JUSTIFICATIONS, ETC

9-ROP/ROC

at the end of 208,b,1 add this sentence. "This includes ceilings with slopes less than 1 ft in 8ft (1 m in 8m) horizontally.

There is currently no provision for this in 3280.

9-ROP/ROC

in 208,C,1,ii add "or 3280.208(b)(2)" after "--- requirements of section 3280.208,C,2".

on smaller hallways, it may be difficult to comply with the requirement of 4" vertical dimension and maintain 4" from the wall at the same time.

9-ROP/ROC

in 208,d,2 add "shall be provided in accordance with the written request by the homebuyer supplying the exact location of the bed. The appliances shall be" after "visible notification appliances".

The exact location of the bed is needed in order to comply with the location of this optional device.

10-ROP

See 2-99 in segmented ballot #1.

26-ROP

305,g,3 should apply to floors or subfloors indirectly exposed to the exterior elements only.

Exempt floors or subfloors that are enclosed by exterior protection and bottom board.

Ghorbani

29-ROP

This standard currently stands at .3 ppm. What is the justification for the proposed .2 ppm, and are such material currently available in the market?

31-ROP

same rationale as 29-ROP

43-ROP

Proposal not clear. Interior mounted storm window frames shall be sealed to what? To the wall? To the dual glazed? To themselves? To what?

REC'D FEB 03 2003

REC'D FEB 03 2003

MHCC

Project Manager: Robert Solomon

Manufactured Housing Consensus Committee

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With respect to the Committee Actions on the proposed changes that accompanied this ballot, please record me as voting:

- Affirmative on all items, or
- Affirmative except as indicated below

Date: 28 JAN, 03

Signed: Earl Gilson
Name: EARL GILSON
Type or Print in black ink

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Vote		
			Affirm With Comment	Neg*	Abstain*
1 ROP	3280.4	(A)			
2 ROP	103	(A)			
3 ROC	105(a)(2)(iv)	(A)			
4 ROP/ROC	105(b)(2)	A		30" x 74"	
5 ROP	111	A		32" w, 17" tall	
6 ROP/ROC	113	(A)			
7 ROP/ROC	206	(A)			
8 ROP/ROC	207 NEW	(A)			

* Reasons must accompany these votes

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
9 ROP/ROC	208	A			
10 ROP	210(b) NEW	A			
11 ROP	210(e) NEW	A	INSTALLER? THEIR?		
12 ROP	210(f) NEW	A			
13 ROP	301	A			
14 ROP	303(g)(1) and (2) NEW	A			
15 ROP	304(b)(1) NEW	A			
16 ROP/ROC	304(b)(1) NEW	A			
17 ROP	304(b)(1)	A			
18 ROP	305(c)(1)(i)	A			
19 ROP/ROC	305(c)(2)(iv)	A			
20 ROP	305(c)(2)(ii)(B) item #9 Table footnote NEW	A		TEMPERATURE EXPANSION FACTOR?	
21 ROP	305(c)(3)	A			
22 ROP	305(c)(3)(ii)	A			
23 ROP	305(c)(3)(iv)	A			
24 ROP	305(e)(1)	A			
25 ROP	305(g)(1)	A			
26 ROP	305(g)(3) NEW	A			
27 ROP	306(b)	A			
28 ROP/ROC	306(d)	A			
29 ROP	308(a)(2)	A			
30 ROP	308(a)(3) NEW	A		.20 PPM	

*Reasons must accompany these votes

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
31 ROP	308(a)(4) NEW	A		.20 ppm	
32 ROP	309	A			
33 ROP	401(a)	A			
34 ROP	401(b)	A			
35 ROP/ROC	402	A			
36 ROP/ROC	403	A			
37 ROP	404(c)(2)	A			
38 ROP	503	A			
39 ROP	504(c) NEW	A			
40 ROP/ROC	504(b)	A			
41 ROP	504(c)(1)(i)	A			
42 ROP	505(a)	A		insulating glass	
43 ROP	506(c)	A			
44 ROC	508(a) and (b)	A			
45 ROP	507(c)	A			
46 ROP	507 (e)	A			
47 ROP	509(c)	A			
48 ROP	510	A			
49 ROP	510(b)	A			
50 ROP	510(c)	A			
51 ROC	510	A			
52 ROP/ROC	511(a)(1)	A			

*Reasons must accompany these votes

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
74 ROP	703 (a) NEW	A			
75 ROP	704(a) through (c)	A			
76 ROP	705(b)(4) NEW	A			
77 ROP	705(d) Table (NEW section for Corrugated Stainless Steel Tubing)	A			
78 ROP/ROC	705(h)	A			
79 ROP	706(j)	A			
80 ROP	707(a)(2)	A			
81 ROP	707(d)	A			
82 ROP	709(h) NEW	A			
83 ROP	711	A			
84 ROP	713(a)(1)(i)	A			
85 ROP	713(a)(1)(ii)	A			
86 ROP/ROC	715(a)(1)	A			
87 ROP	715(a)(2) NEW text	A			
88 ROP	715(a)(4)	A			
89 ROP	715(a)(5)(ii)	A			
90 ROP	715(a)(6)	A		R-8	
91 ROP	715(a)(7)	A		R-8	
92 ROP/ROC	715(c)	A			
93 ROP	715(d)	A			
94 ROP	715(d)(1) NEW	A			
95a ROP	801(e)	A			

*Reasons must accompany these votes

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
95b ROP	802(a)(37)	A			
95c ROP	802(a)(39)	A			
95d ROP	803(d)	A			
95e ROP	803(f)	A			
95f ROP	803(i)	A			
95g ROP	803(k)	A			
95h ROP	804(a)	A			
95i ROP	804(c)	A			
95j ROP	804(e)	A			
95k ROC	804(f)	A			
95l ROP/ROC	804(j)	A			
95m ROP	805(a)(2)	A			
95n ROP	805(a)(3)	A			
95o ROP/ROC	806(d)(9)	A		GFIC	
95p ROP	806(f)	A			
95q ROP	807(a)	A			
95r ROP	808(f)(1)	A			
95s ROP	808(i)	A			
95t ROP	808(l)	A			
95u ROP	808(o)	A			
95v ROP	808(p)(2)	A			
95w ROP	811	A			

*Reasons must accompany these votes

MHCC

Project Manager: Robert Solomon

REC'D FEB 6 2003

Manufactured Housing Consensus Committee
 Letter Ballot for MHCC - #2
 Vote on the proposed changes to the
 Comparison between NFPA 501 (2000 edition) and 24 CFR 3280 (1999 edition)

AFTER VOTING, RETURN ONE COPY OF BALLOT TO NFPA
1 BATTERYMARCH PARK, QUINCY, MA 02269, OR FAX TO (617)984-7110

Must be received by NFPA
 By: February 6, 2003

Committee Action:
 A = Accept

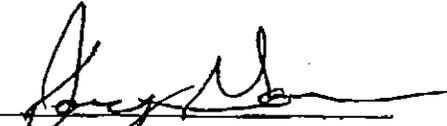
Send ballot to: Jill McGovern
 jmcgovern@nfpa.org

Negative votes or abstentions must be accompanied with reasons for so voting. Please make comments on a separate sheet.
 If handwritten, please use black ink only. If voting Affirmative on all items, only return this page to NFPA.

With respect to the Committee Actions on the proposed changes that accompanied this ballot, please record me as voting:

- Affirmative on all items, or
 Affirmative except as indicated below

Date: 2/6/03

Signed: 
 Name: Doug Gorman
 Type or Print in black ink

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Vote		
			Affirm With Comment	Neg*	Abstain*
1 ROP	3280.4	A			
2 ROP	103	A			
3 ROC	105(a)(2)(iv)	A			
4 ROP/ROC	105(b)(2)	A			
5 ROP	111	A			
6 ROP/ROC	113	A			
7 ROP/ROC	206	A			
8 ROP/ROC	207 NEW	A			

* Reasons must accompany these votes

Gorman

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
9 ROP/ROC	208	A	X		
10 ROP	210(b) NEW	A		X	
11 ROP	210(e) NEW	A		X	
12 ROP	210(f) NEW	A		X	
13 ROP	301	A			
14 ROP	303(g)(1) and (2) NEW	A			
15 ROP	304(b)(1) NEW	A			
16 ROP/ROC	304(b)(1) NEW	A			
17 ROP	304(b)(1)	A			
18 ROP	305(c)(1)(f)	A			
19 ROP/ROC	305(c)(2)(iv)	A			
20 ROP	305(c)(2)(ii)(B) item #9 Table footnote NEW	A			
21 ROP	305(c)(3)	A			
22 ROP	305(c)(3)(ii)	A			
23 ROP	305(c)(3)(iv)	A			
24 ROP	305(e)(1)	A			
25 ROP	305(g)(1)	A			
26 ROP	305(g)(3) NEW	A		X	
27 ROP	306(b)	A			
28 ROP/ROC	306(d)	A			
29 ROP	308(a)(2)	A		X	
30 ROP	308(a)(3) NEW	A			

*Reasons must accompany these votes

GORMAN

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
31 ROP	308(a)(4) NEW	A		X	
32 ROP	309	A			
33 ROP	401(a)	A			
34 ROP	401(b)	A			
35 ROP/ROC	402	A			
36 ROP/ROC	403	A			
37 ROP	404(c)(2)	A			
38 ROP	503	A			
39 ROP	504(c) NEW	A			
40 ROP/ROC	504(b)	A			
41 ROP	504(c)(1)(i)	A			
42 ROP	505(a)	A			
43 ROP	506(c)	A		X	
44 ROC	508(a) and (b)	A			
45 ROP	507(c)	A			
46 ROP	507 (e)	A			
47 ROP	509(c)	A			
48 ROP	510	A			
49 ROP	510(b)	A			
50 ROP	510(c)	A			
51 ROC	510	A			
52 ROP/ROC	511(a)(1)	A			

*Reasons must accompany these votes

SEGMENTED BALLOT #2

AMENDMENTS, COMMENTS, JUSTIFICATIONS, ETC.

9-ROP/ROC

AT THE END OF 208,b,1 ADD THIS SENTENCE.
"THIS INCLUDES CEILINGS WITH SLOPES LESS
THAN 1Ft IN 8ft (1 m IN 8m) HORIZONTALLY.

THERE IS CURRENTLY NO PROVISION FOR THIS
IN 3280.

9-ROP/ROC

IN 208,C,1,ii ADD "OR 3280.208(b)(2)" AFTER "---
REQUIREMENTS OF SECTION 3280.208,C,2".

ON SMALLER HALLWAYS, IT MAY BE
DIFFICULT TO COMPLY WITH THE REQUIRE-
MENTS OF 4" VERTICAL DIMENSION AND
MAINTAIN 4" FROM THE WALL AT THE
SAME TIME.

9-ROP/ROC

IN 208, d, 2 ADD "SHALL BE PROVIDED IN
ACCORDANCE WITH THE WRITTEN REQUEST
BY THE HOMEBUYER SUPPLYING THE EXACT
LOCATION OF THE BED. THE APPLIANCES
SHALL BE" AFTER "VISABLE NOTIFICATION
APPLIANCES".

THE EXACT LOCATION OF THE BED IS NEEDED
IN ORDER TO COMPLY WITH THE LOCATION OF
THIS OPTIONAL DEVICE.

10-ROP

SEE 2-99 IN SEGMENTED BALLOT #1

11-ROP

SEE 2-99 IN SEGMENTED BALLOT #1

12-ROP

SEE 2-99 IN SEGMENTED BALLOT #1

26-ROP

305,g,3 SHOULD APPLY TO FLOORS OR
SUBFLOORS INDIRECTLY EXPOSED TO THE
EXTERIOR ELEMENTS ONLY.

EXEMPT FLOORS OR SUBFLOORS THAT ARE
ENCLOSED BY EXTERIOR PROTECTION AND
BOTTOM BOARD.

Gorman

29-ROP

THIS STANDARD CURRENTLY STANDS AT
.3ppm. WHAT IS THE JUSTIFICATION FOR THE
PROPOSED .2 ppm, AND ARE SUCH MATERIAL
CURRENTLY AVAILABLE IN THE MARKET?

31-ROP

SAME RATIONALE AS 29-ROP

43-ROP

PROPOSAL NOT CLEAR. INTERIOR MOUNTED
STORM WINDOW FRAMES SHALL BE SEALED
TO WHAT? TO THE WALL? TO THE DUAL
GLAZED? TO THEMSELVES? TO WHAT?

MHCC

Project Manager: Robert Solomon

Manufactured Housing Consensus Committee

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Affirmative on all items, or

Affirmative except as indicated below

Date: 2-6-2003

Signed: *Ronald V. LaMond*

Name: RONALD V. LAMOND

Type or Print in black ink

Vote

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment		
			Neg*	Abstain*	
1 ROP	3280.4	A			
2 ROP	103	A			
3 ROC	105(a)(2)(iv)	A			
4 ROP/ROC	105(b)(2)	A			
5 ROP	111	A			
6 ROP/ROC	113	A			
7 ROP/ROC	206	A			
8 ROP/ROC	207 NEW	A			

* Reasons must accompany these votes

LaMONT

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
9 ROP/ROC	208	A		X	
10 ROP	210(b) NEW	A			
11 ROP	210(e) NEW	A			
12 ROP	210(f) NEW	A			
13 ROP	301	A			
14 ROP	303(g)(1) and (2) NEW	A			
15 ROP	304(b)(1) NEW	A			
16 ROP/ROC	304(b)(1) NEW	A			
17 ROP	304(b)(1)	A			
18 ROP	305(c)(1)(i)	A			
19 ROP/ROC	305(c)(2)(iv)	A			
20 ROP	305(c)(2)(ii)(B) item #9 Table footnote NEW	A			
21 ROP	305(c)(3)	A			
22 ROP	305(c)(3)(ii)	A			
23 ROP	305(c)(3)(iv)	A			
24 ROP	305(e)(1)	A			
25 ROP	305(g)(1)	A			
26 ROP	305(g)(3) NEW	A			
27 ROP	306(b)	A			
28 ROP/ROC	306(d)	A			
29 ROP	308(a)(2)	A			
30 ROP	308(a)(3) NEW	A			

*Reasons must accompany these votes

- 2 -

Lamont

9 ROP/ROC 208 Fire Warning Equipment

(f) Power Supplies (this is okay)

(f) Maintenance, Testing and Information (this should be (g))

(g) (3) (iii) ... Smoke detectors shall not remain in service longer than 10 years from the date of installation. COMMENT: Home Manufacturer may inform the homeowner but this can not be monitored and can not expect compliance.

MHCC

Project Manager: Robert Solomon

REC'D JAN 31 2003

Manufactured Housing Consensus Committee

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Affirmative on all items, or

Affirmative except as indicated below

Date: Jan 31, 2003

Signed: Jerome L. McHale

Name: Jerome L. McHale
Type or Print in black ink

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Vote		
			Affirm With Comment	Neg*	Abstain*
1 ROP	3280.4	A			
2 ROP	103	A			
3 ROC	105(a)(2)(iv)	A			
4 ROP/ROC	105(b)(2)	A			
5 ROP	111	A			
6 ROP/ROC	113	A			
7 ROP/ROC	206	A			
8 ROP/ROC	207 NEW	A			

* Reasons must accompany these votes

McChale

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
9 ROP/ROC	208	A			
10 ROP	210(b) NEW	A		X	
11 ROP	210(e) NEW	A		X	
12 ROP	210(f) NEW	A		X	
13 ROP	301	A			
14 ROP	303(g)(1) and (2) NEW	A			
15 ROP	304(b)(1) NEW	A			
16 ROP/ROC	304(b)(1) NEW	A			
17 ROP	304(b)(1)	A			
18 ROP	305(c)(1)(i)	A			
19 ROP/ROC	305(c)(2)(iv)	A			
20 ROP	305(c)(2)(ii)(B) item #9 Table footnote NEW	A			
21 ROP	305(c)(3)	A			
22 ROP	305(c)(3)(ii)	A			
23 ROP	305(c)(3)(iv)	A			
24 ROP	305(e)(1)	A			
25 ROP	305(g)(1)	A			
26 ROP	305(g)(3) NEW	A			
27 ROP	306(b)	A			
28 ROP/ROC	306(d)	A			
29 ROP	308(a)(2)	A			
30 ROP	308(a)(3) NEW	A			

*Reasons must accompany these votes

Mchale

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
95x ROP	811(a)(6)	A			
95y ROP	815(a)	A			
96 ROP	901	A			
97a ROP/ROC	304/305/403	A			
97b ROP	203/207	A			
97c ROC	604 and NEW material	A			
97d ROP	504/508/604/703/704/707/715	A			
97e ROP/ROC	3280, Subpart I	A			

Comment on 10, 11, 12 ROP:

fire sprinkler systems -

many areas do not have the water pressure to operate sprinklers, especially those areas whose source is water from wells.

also note - item 2-99 of the 1999 501 edition covers this same item.

MHCC

Project Manager: Robert Solomon

Manufactured Housing Consensus Committee

Letter Ballot for MHCC - #2

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jmcgovern@nfpa.org

*Fax
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Affirmative on all items, or

Affirmative except as indicated below

Date: 2-6-03

Signed: *Bryan R. Portz*

Name: Bryan R Portz
Type or Print in black ink

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Vote		
			Affirm With Comment	Neg*	Abstain*
1 ROP	3280.4	A			
2 ROP	103	A			
3 ROC	105(a)(2)(iv)	A			
4 ROP/ROC	105(b)(2)	A			
5 ROP	111	A			
6 ROP/ROC	113	A			
7 ROP/ROC	206	A			
8 ROP/ROC	207 NEW	A			

* Reasons must accompany these votes

Portz

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
9 ROP/ROC	208	A	X		
10 ROP	210(b) NEW	A		X	
11 ROP	210(e) NEW	A		X	
12 ROP	210(f) NEW	A		X	
13 ROP	301	A			
14 ROP	303(g)(1) and (2) NEW	A			
15 ROP	304(b)(1) NEW	A			
16 ROP/ROC	304(b)(1) NEW	A			
17 ROP	304(b)(1)	A			
18 ROP	305(c)(1)(i)	A			
19 ROP/ROC	305(c)(2)(iv)	A			
20 ROP	305(c)(2)(ii)(B) item #9 Table footnote NEW	A			
21 ROP	305(c)(3)	A			
22 ROP	305(c)(3)(ii)	A			
23 ROP	305(c)(3)(iv)	A			
24 ROP	305(e)(1)	A			
25 ROP	305(g)(1)	A			
26 ROP	305(g)(3) NEW	A		X	
27 ROP	306(b)	A			
28 ROP/ROC	306(d)	A			
29 ROP	308(a)(2)	A		X	
30 ROP	308(a)(3) NEW	A			

*Reasons must accompany these votes

Portz

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
31 ROP	308(a)(4) NEW	A		X	
32 ROP	309	A			
33 ROP	401(a)	A			
34 ROP	401(b)	A			
35 ROP/ROC	402	A			
36 ROP/ROC	403	A			
37 ROP	404(c)(2)	A			
38 ROP	503	A			
39 ROP	504(c) NEW	A			
40 ROP/ROC	504(b)	A			
41 ROP	504(c)(1)(i)	A			
42 ROP	505(a)	A			
43 ROP	506(c)	A		X	
44 ROC	508(a) and (b)	A			
45 ROP	507(c)	A			
46 ROP	507 (e)	A			
47 ROP	509(c)	A			
48 ROP	510	A			
49 ROP	510(b)	A			
50 ROP	510(c)	A			
51 ROC	510	A			
52 ROP/ROC	511(a)(1)	A			

*Reasons must accompany these votes

Portz

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With		
			Comment	Neg*	Abstain*
95x ROP	811(a)(6)	A			
95y ROP	815(a)	A			
96 ROP	901	A			
97a ROP/ROC	304/305/403	A			
97b ROP	203/207	A			
97c ROC	604 and NEW material	A			
97d ROP	504/508/604/703/704/707/715	A			
97e ROP/ROC	3280, Subpart I	A			

9-ROP/ROC

At the end of 208b,1 add the sentence
 "This includes ceilings with slopes less than 1FT IN 8FT (1M IN 8m) horizontally.
 NO PROVISION IN 3280

7-ROP/ROC

IN 208c,1, ii add "or 3280.208(b)(2)"
 after - requirements of section 3280.208 c,2"

Smaller hallways may not be able to comply with 4" vertical dimension & still be 4" from wall at the same time

9-ROP/ROC

IN 208d,2 add "shall be provided in accordance with the written request by the homeowner supplying the exact location of the bed" after "visible notification appliances"
 Need to know location of bed.

*Reasons must accompany these votes

10-Rep - 12-Rep

see section 2-99 in segmented battlet #1.

26 Rep

305,9,3 should apply to floors or subfloors indirectly exposed to the exterior elements only. exempt floors or subfloors that are enclosed by exterior protection & bottom board.

29 Rep

Need to know more about material availability & what justification is

31 Rep

Same as 29-Rep

43 Rep

not clear what would exterior storm windows & frames be sealed to?

Port 2

MHCC

Project Manager: Robert Schuman

REC'D FEB 06 2003

Manufactured Housing Consensus Committee

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Date: 2/6/03

Signed: Dana C Roberts

Name: DANA C Roberts
Type or Print in black ink

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			Affirm With Comment	Neg*	Abstain*
1 ROP	3280.4	A			
2 ROP	103	A			
3 ROC	105(a)(2)(iv)	A			
4 ROP/ROC	105(b)(2)	A			
5 ROP	111	A			
6 ROP/ROC	113	A			
7 ROP/ROC	206	A			
8 ROP/ROC	207 NEW	A			

* Reasons must accompany these votes

Roberts

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With		
			Comment	Neg ⁺	Abstain [*]
9 ROP/ROC	208	A			
10 ROP	210(b) NEW	A		X	
11 ROP	210(e) NEW	A		X	
12 ROP	210(f) NEW	A		X	
13 ROP	301	A			
14 ROP	303(g)(1) and (2) NEW	A			
15 ROP	304(b)(1) NEW	A			
16 ROP/ROC	304(b)(1) NEW	A			
17 ROP	304(b)(1)	A			
18 ROP	305(c)(1)(i)	A			
19 ROP/ROC	305(c)(2)(iv)	A			
20 ROP	305(c)(2)(ii)(B) item #9 Table footnote NEW	A			
21 ROP	305(c)(3)	A			
22 ROP	305(c)(3)(ii)	A		X	
23 ROP	305(c)(3)(iv)	A			
24 ROP	305(e)(1)	A			
25 ROP	305(g)(1)	A			
26 ROP	305(g)(3) NEW	A			
27 ROP	306(b)	A			
28 ROP/ROC	306(d)	A			
29 ROP	308(a)(2)	A			
30 ROP	308(a)(3) NEW	A			

*Reasons must accompany these votes

Roberts

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
74 ROP	703 (a) NEW	A			
75 ROP	704(a) through (c)	A			
76 ROP	705(b)(4) NEW	A			
77 ROP	705(d) Table (NEW section for Corrugated Stainless Steel Tubing)	A			
78 ROP/ROC	705(h)	A			
79 ROP	706(j)	A			
80 ROP	707(a)(2)	A			
81 ROP	707(d)	A			
82 ROP	709(h) NEW	A			
83 ROP	711	A			
84 ROP	713(a)(1)(i)	A			
85 ROP	713(a)(1)(ii)	A			
86 ROP/ROC	715(a)(1)	A			
87 ROP	715(a)(2) NEW text	A		X	
88 ROP	715(a)(4)	A		X	
89 ROP	715(a)(5)(ii)	A			
90 ROP	715(a)(6)	A			
91 ROP	715(a)(7)	A			
92 ROP/ROC	715(c)	A			
93 ROP	715(d)	A			
94 ROP	715(d)(1) NEW	A			
95a ROP	801(e)	A			

*Reasons must accompany these votes

Roberts

BALLOT #2 COMMENTS

10-ROP Sprinklers systems installed in manufactured homes need extensive on-site work to complete. This standard need to be implemented in conjunction with requirements to hold the persons doing the on-site work accountable. No such process exists outside the AC letter process that holds the manufacturer accountable.

11 ROP Same comments as for 10 ROP plus I could not find the 3280.210 (c) mentioned in the proposal

12 ROP See comments to 10 & 11 ROPs

22 ROP The Department has had the opportunity since the creation of the standards to consider known local conditions. States such as Oregon has even request the Department to do so. This proposed language does not address the issue and is more editorial in nature

87 ROP This seems to be a new test that if needed should be done in the field for multi-floor homes and if required should be part of the installation standards .. To put it here outside the standards would tend to indicate the test should be done in the factory and that would not address the real issue of duct completion on site.

88 ROP See comments on 87 ROP

MHCC

Project Manager: Robert Solomon

Manufactured Housing Consensus Committee
 Letter Ballot for MHCC - #2

REC'D FEB 5 2003

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- Affirmative except as Indicated below

Date: 2/5/2003

Signed: Nader Tomasbi

Name: NADER TOMASBI
 Type or Print in black ink

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			Affirm With Comment	Neg*	Abstain*
1 ROP	3280.4	A			
2 ROP	103	A			
3 ROC	105(a)(2)(iv)	A			
4 ROP/ROC	105(b)(2)	A			
5 ROP	111	A			
6 ROP/ROC	113	A			
7 ROP/ROC	206	A			
8 ROP/ROC	207 NEW	A			

* Reasons must accompany these votes

Tomasz

Revised 2/6

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
9 ROP/ROC	208	A	 		
10 ROP	210(b) NEW	A		 	
11 ROP	210(e) NEW	A		 	
12 ROP	210(f) NEW	A		 	
13 ROP	301	A			
14 ROP	303(g)(1) and (2) NEW	A			
15 ROP	304(b)(1) NEW	A			
16 ROP/ROC	304(b)(1) NEW	A			
17 ROP	304(b)(1)	A			
18 ROP	305(c)(1)(i)	A			
19 ROP/ROC	305(c)(2)(iv)	A			
20 ROP	305(c)(2)(ii)(B) item #9 Table footnote NEW	A			
21 ROP	305(c)(3)	A			
22 ROP	305(c)(3)(ii)	A			
23 ROP	305(c)(3)(iv)	A			
24 ROP	305(e)(1)	A			
25 ROP	305(g)(1)	A			
26 ROP	305(g)(3) NEW	A		 	
27 ROP	306(b)	A			
28 ROP/ROC	306(d)	A			
29 ROP	308(a)(2)	A		 	
30 ROP	308(a)(3) NEW	A			

*Reasons must accompany these votes

Tomasi?

Revised 2/6

Proposed
Change
Number

24 CFR 3280 Referenced Section

Comm
Action

Affirm
With
Comment

Neg*

Abstain*

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
9 ROP/ROC	208	A	X		
10 ROP	210(b) NEW	A		X	
11 ROP	210(e) NEW	A			
12 ROP	210(f) NEW	A			←
13 ROP	301	A			←
14 ROP	303(g)(1) and (2) NEW	A			
15 ROP	304(b)(1) NEW	A			
16 ROP/ROC	304(b)(1) NEW	A			
17 ROP	304(b)(1)	A			
18 ROP	305(e)(1)(i)	A			
19 ROP/ROC	305(c)(2)(iv)	A			
20 ROP	305(c)(2)(ii)(B) item #9 Table footnote NEW	A			
21 ROP	305(c)(3)	A			
22 ROP	305(c)(3)(ii)	A			
23 ROP	305(c)(3)(iv)	A			
24 ROP	305(e)(1)	A			
25 ROP	305(g)(1)	A			
26 ROP	305(g)(3) NEW	A		X	
27 ROP	306(b)	A			
28 ROP/ROC	306(d)	A			
29 ROP	308(a)(2)	A		X	
30 ROP	308(a)(3) NEW	A			

*Reasons must accompany these votes

Tomasbi

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
31 ROP	308(a)(4) NEW	A		<input checked="" type="checkbox"/>	
32 ROP	309	A			
33 ROP	401(a)	A			
34 ROP	401(b)	A			
35 ROP/ROC	402	A			
36 ROP/ROC	403	A			
37 ROP	404(c)(2)	A			
38 ROP	503	A			
39 ROP	504(c) NEW	A			
40 ROP/ROC	504(b)	A			
41 ROP	504(c)(1)(i)	A			
42 ROP	505(a)	A			
43 ROP	506(c)	A		<input checked="" type="checkbox"/>	
44 ROC	508(a) and (b)	A			
45 ROP	507(c)	A			
46 ROP	507 (e)	A			
47 ROP	509(c)	A			
48 ROP	510	A			
49 ROP	510(b)	A			
50 ROP	510(c)	A			
51 ROC	510	A			
52 ROP/ROC	511(a)(1)	A			

*Reasons must accompany these votes

Nader Tomasbi

5-Feb-2003

Liberty Homes, Inc.

Letter Ballot for MHCC - #2

Raised 2/6

Proposed Change Number	Comments
9-ROP/ROC	<p>Add the following sentence to the end of 208,b,1: " This includes ceilings with slopes less than 1 ft in 8 ft horizontally." Currently 3280 provides no provision for this condition.</p> <p>208,C,1,ii add "or 3280.208(b)(2)" after "requirements of section 3280.208,c,2". On narrow hallways, it could be difficult to comply requirement of 4" vertical dimension and also maintain 4" from the wall at the same time.</p> <p>208,d,2 add "shall be provided in accordance with written request by the home buyer supplying the exact location of the bed. The appliance shall be" after " visible notification appliances". The exact location of the bed is needed in order to comply with the location of this optional device.</p>
10-ROP	Refer to 2-99 in segmented ballot #1.
11 & 12 - ROP	" " " "
26-ROP	<p>305,g,3 should apply to floor or sub floors indirectly exposed to the exterior elements only. Floors or sub floors that are properly moisture proofed & protected should be exempt.</p>
29-ROP	What are the justifications for the proposed 0.2 ppm verses the current 0.3 ppm. Is this currently available ?
43-ROP	This proposal must be clarified as to what member the window must be sealed.

Cohen, Linda

From: Nader Tomasbi [nadertomasbi@libertyhomesinc.com]

Sent: Tuesday, February 11, 2003 1:10 PM

To: lsc@nfpa.org

Subject: 31 ROP

31 ROP Same rational as 29 ROP

Nader Tomasbi
Liberty Homes, Inc.

2/11/03

MHCC

Project Manager: Robert Solomon

Manufactured Housing Consensus Committee
 Letter Ballot for MHCC - #2

Vote on the proposed changes to the
 Comparison between NFPA 501 (2000 edition) and 24 CFR 3280 (1999 edition)

REC'D FEB 3 2003

AFTER VOTING, RETURN ONE COPY OF BALLOT TO NFPA
 1 BATTERY MARCH PARK, QUINCY, MA 02269, OR FAX TO (617)984-7110

Must be received by NFPA
 By: February 6, 2003

Committee Action:
 A = Accept

Send ballot to: Jill McGovern
 jmcgovern@nfpa.org

Negative votes or abstentions must be accompanied with reasons for so voting. Please make comments on a separate sheet. If handwritten, please use black ink only. If voting Affirmative on all items, only return this page to NFPA.

With respect to the Committee Actions on the proposed changes that accompanied this ballot, please record me as voting:

- Affirmative on all items, or
- Affirmative except as indicated below

Date: 2/3/03

Signed: Rudy E. Vogt
 Name: ROUDY E. VOGT
 Type or Print in black ink

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Vote		
			Affirm With Comment	Neg*	Abstain*
1 ROP	3280.4	REV			
2 ROP	103	A	REV		
3 ROC	105(a)(2)(iv)	REV			
4 ROP/ROC	105(b)(2)	REV			
5 ROP	111	REV			
6 ROP/ROC	113	A		REV	
7 ROP/ROC	206	REV			
8 ROP/ROC	207 NEW	A		REV	

* Reasons must accompany these votes

Vogt

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
9 ROP/ROC	208	A	REV		
10 ROP	210(b) NEW	REV			
11 ROP	210(e) NEW	REV			
12 ROP	210(f) NEW	REV			
13 ROP	301	REV			
14 ROP	303(g)(1) and (2) NEW	REV			
15 ROP	304(b)(1) NEW	REV			
16 ROP/ROC	304(b)(1) NEW	REV			
17 ROP	304(b)(1)	REV			
18 ROP	305(c)(1)(i)	REV			
19 ROP/ROC	305(c)(2)(iv)	REV			
20 ROP	305(c)(2)(ii)(B) item #9 Table footnote NEW	REV			
21 ROP	305(c)(3)	A	REV		
22 ROP	305(c)(3)(ii)	REV			
23 ROP	305(c)(3)(iv)	REV			
24 ROP	305(e)(1)	REV			
25 ROP	305(g)(1)	A		REV	
26 ROP	305(g)(3) NEW	A		REV	
27 ROP	306(b)	REV			
28 ROP/ROC	306(d)	REV			
29 ROP	308(a)(2)	REV			
30 ROP	308(a)(3) NEW	REV			

*Reasons must accompany these votes

Vagt

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
31 ROP	308(a)(4) NEW	REV			
32 ROP	309	A		REV	
33 ROP	401(a)	A	REV		
34 ROP	401(b)	A	REV		
35 ROP/ROC	402	REV			
36 ROP/ROC	403	REV			
37 ROP	404(c)(2)	REV			
38 ROP	503	REV			
39 ROP	504(c) NEW	REV			
40 ROP/ROC	504(b)	REV			
41 ROP	504(e)(1)(i)	REV			
42 ROP	505(a)	REV			
43 ROP	506(c)	A	REV		
44 ROC	508(a) and (b)	REV			
45 ROP	507(c)	REV			
46 ROP	507 (e)	REV			
47 ROP	509(c)	A	REV		
48 ROP	510	REV			
49 ROP	510(b)	A		REV	
50 ROP	510(c)	REV			
51 ROC	510	REV			
52 ROP/ROC	511(a)(1)	REV			

*Reasons must accompany these votes

Vogt

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
53 ROP	511(a)(2)	REV			
54 ROP/ROC	602	A	REV		
55 ROP/ROC	603(b)(4)(ii)	REV			
56 ROP/ROC	604(b) Miscellaneous NEW	REV			
57 ROP	606(a)(2)	A	REV		
58 ROP	607(a)(3)	REV			
59 ROP/ROC	607(b)(5)(ii)	REV			
60 ROP	607(b)(2)(iii) NEW 607(a)(6) NEW 604(a) NEW	REV			
61 ROP	610(b)(1)	REV			
62 ROC	610(e)(1)	REV			
63 ROP	611(b)(1)	REV			
64 ROP/ROC	611(d)	A		REV	
65 ROP/ROC	611(f)(1)	A		REV	
66 ROP	702(a) Class 2 Air Ducts	REV			
67 ROP	702(a) NEW	REV			
68 ROP/ROC	702(a) NEW	A	REV		
69 ROP	702(a) Energy Efficiency Ratio (EER)	REV			
70 ROP/ROC	702(a) Heating Appliance	REV			
71 ROP	702(a) Water Heater	REV			
72 ROP	703	REV			
73 ROP	703(a)	REV			

*Reasons must accompany these votes

Vagt

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
74 ROP	703 (a) NEW	REV			
75 ROP	704(a) through (c)	REV			
76 ROP	705(b)(4) NEW	REV			
77 ROP	705(d) Table (NEW section for Corrugated Stainless Steel Tubing)	REV			
78 ROP/ROC	705(b)	REV			
79 ROP	706(j)	REV			
80 ROP	707(a)(2)	REV			
81 ROP	707(d)	REV			
82 ROP	709(h) NEW	REV			
83 ROP	711	REV			
84 ROP	713(a)(1)(i)	REV			
85 ROP	713(a)(1)(ii)	REV			
86 ROP/ROC	715(a)(1)	REV			
87 ROP	715(a)(2) NEW text	A	REV		
88 ROP	715(a)(4)	REV			
89 ROP	715(a)(5)(ii)	REV			
90 ROP	715(a)(6)	A		REV	
91 ROP	715(a)(7)	A	REV		
92 ROP/ROC	715(c)	REV			
93 ROP	715(d)	REV			
94 ROP	715(d)(1) NEW	REV			
95a ROP	801(e)	A	REV		

*Reasons must accompany these votes

Vogt

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
95b ROP	802(a)(37)	REV			
95c ROP	802(a)(39)	REV			
95d ROP	803(d)	REV			
95e ROP	803(f)	REV			
95f ROP	803(i)	REV			
95g ROP	803(k)	REV			
95h ROP	804(a)	REV			
95i ROP	804(c)	REV			
95j ROP	804(e)	REV			
95k ROC	804(f)	REV			
95l ROP/ROC	804(j)	REV			
95m ROP	805(a)(2)	REV			
95n ROP	805(a)(3)	REV			
95o ROP/ROC	806(d)(9)	REV			
95p ROP	806(f)	REV			
95q ROP	807(a)	A	REV		
95r ROP	808(f)(1)	A	REV		
95s ROP	808(i)	REV			
95t ROP	808(l)	REV			
95u ROP	808(o)	REV			
95v ROP	808(p)(2)	REV			
95w ROP	811	REV			

*Reasons must accompany these votes

Vogt

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
95x ROP	811(a)(6)	REV			
95y ROP	815(a)	REV			
96 ROP	901	REV			
97a ROP/ROC	304/305/403	REV			
97b ROP	203/207	REV			
97c ROC	604 and NEW material	REV			
97d ROP	504/508/604/703/704/707/715	REV			
97e ROP/ROC	3280, Subpart I	A		REV	

*Reasons must accompany these votes

Vogt



Admin
MINNESOTA

Department of Administration

Comments for letter ballot MHCC #2
For proposed changes to CFR 3280 construction standards

- **#2 ROP (CFR 103).** *Affirm with comment.* In 103 (b) the formula appears to be incorrectly written, should be .035 cu. Ft. times sq. ft. In 103 (b)(4)(a) the word "zone" is used and it should be "sone" rating of 1.0.
- **#6 ROP/ROC (CFR 113).** *Negative with reason.* In 113 (b)(1) the exception for jalousies from safety glazing, indicates that a piece of glass from a jalousies will not break into hazardous pieces. Language needs to be added that includes limitations to thickness of glass, size of glass, finish of edges, and etc. (see 2000 International Building Code, sections 2406.2, 2406.2.1, and 2403.5). In 113 (c)(ii), leaded and decorative glazed panels are not considered hazardous. This needs to have specifications and limitations added to define when they are not hazardous (example, if you had a decorative glass panel full length in an entry door it would not be considered hazardous, as proposed).
- **#8 ROP/ROC (CFR 207).** *Negative with reason.* In 207 (a)(1)(ii), it references cellulose insulation to section 207(b). 207(b) is for foam plastic thermal insulation.
- **#9 ROP/ROC (CFR 208).** *Affirm with comment.* Should add diagrams to CFR 3280 similar to NFPA 501 for this section.
- **#21 ROP (CFR 305).** *Affirm with comment.* In 305 (c)(3)(i)(A) include the states and counties. In both 305 (c)(3)(i)(A & B) in both sections a distinct format to show states/counties needs to be shown (suggest state in bold print and county in regular print).
- **#25 ROP (CFR 305).** *Negative with reason.* In 305 (g)(1) it is proposed to add wording for construction of stairways, landings, and decks provided by the manufacturer. Unless a section is added to the standards concerning construction of stair rise/run, headroom, and handrails along with guardrail height and spacing then the local authority having jurisdiction would determine the construction of stairs, landings, and decks.
- **#26 ROP (CFR 305).** *Negative with reason.* In 305 (g)(3) proposed language allows for wood panel products as subfloor on the exterior of the home if the material is rated for exterior exposure. Check with product manufacturers of wood panel products rated for exterior exposure and it will be stated that the rating is meant for normal open periods during construction and not that the product can be used in the proposed manor.
- **#32 ROP (CFR 309).** *Negative with reason.* ROP's #30 and #31 set limits for formaldehyde in particleboard and fiberboard. I would be in favor of deleting section 309 if a new section 309 set formaldehyde limits for other products such as carpet, pad, and etc. Use a general statement for all products used.

Vogt



Admin MINNESOTA

Department of Administration

- #33 ROP (CFR 401). *Affirm with comment.* The wording proposed to be added, "Design live load deflection criteria, etc.", is poorly written and confusing unless the example in NFPA A-5.1.1 is included with the proposed wording.
- #34 ROP (CFR 401). *Affirm with comment.* Add the NFPA example as noted in the #33 ROP.
- #43 ROP (CFR 506). *Affirm with comment.* Consider adding the following to the proposed new wording, "frames shall be sealed, and not effect egress when required."
- #47 ROP (CFR 509). *Affirm with comment.* Include the table in the section.
- #49 ROP (CFR 510). *Negative with reason.* Include in wording; "will maintain a 70°F (21°C) temperature inside the home, for the heating zone the home is designed for." It needs to be clear which zone the home is constructed for and that the lowest outdoor temperature design is for that zone.
- #54 ROP/ROC (CFR 602). *Affirm with comment.* Make sure the entire 600 plumbing section is reviewed and all references to anti-siphon trap vent device are removed and replaced with mechanical trap vent device.
- #57 ROP (CFR 606). *Affirm with comment.* Proposed new wording in 606 (a)(2) allows up to 3 single sinks (fixtures) on one P-trap. Note, that wording in 611 (d)(1)(ii) requires minimum drain size shall be 2 inches and (iii) limits mechanical operated vents to venting fixtures with 1½-inch traps.
- #64 ROP/ROC (CFR 611). *Negative with reason.* In 611 (d)(1)(ii), minimum drain size for three or fixtures is 2 inches. In (iii) it states that mechanical vents are limited to venting fixtures with 1½-inch traps. If you were required to have a 2-inch drain would you not have a 2-inch trap?
- #65 ROP/ROC (CFR 611). *Negative with reason.* On 611 (f)(2), In cold climate areas vents have a tendency to freeze. When a horizontal vent pipe exits a heated space and is terminated downward it will tend to evaporate warm moist air and condense and freeze, blocking the vent and possibly cracking/braking the vent pipe material.
- #68 ROP/ROC (CFR 702). *Affirm with comment.* When adding new definitions "Direct-Vent System Appliance and Direct-Vent System" then delete current definition "Sealed Combustion System Appliance" and all references in the 700 sections should be changed to new definition.
- #87 ROP (CFR 715). *Affirm with comment.* The proposed wording used in section 715 (a)(2) does not make sense as worded. Why would a manufacturer perform a duct static pressure test if the test has already shown compliance? This section should read, "test shall be performed to demonstrate compliance with section 3280.715 (a)(4)."
- #90 ROP (CFR 715). *Negative with reason.* Section 715 (a)(6) proposed wording is in conflict with 715 (a)(7) proposed wording. An air supply duct as defined in section 702 is a supply or return duct and provisions proposed for 715 (a)(7) should apply with addition of extra insulation for ceiling applications.

Yogt

**Admin**
MINNESOTA

Department of Administration

- **#91 ROP (CFR 715).** *Affirm with comment.* See #90 ROP.
- **#95a ROP (CFR 801).** *Affirm with comment.* There is no section 808 (a)(1). I think this is referring to section 808 (a), which refers to the National Electric Code.
- **#95q ROP (CFR 807).** *Affirm with comment.* In section 870 (c) it appears that a wrong NEC reference has been used. NEC 410-4 (d) is for lighting fixtures not allowed to be installed over a shower or tub. NEC 410-4 (a) references approved for damp and wet locations.
- **#95r ROP (CFR 808).** *Affirm with comment.* See comment on #95a ROP. It appears to be numbering errors have been included in proposed changes.
- **#97e ROP/ROC (CFR 3280).** *Negative with reason.* Proposed wording references the National Electric Code 1996 edition. The most current edition of the NEC is the 2002 edition and should be used as reference for the entire 3280.800 electric section of the Standards.

A handwritten signature in black ink, appearing to be "J. S. V." or similar.

MHCC

Project Manager: Robert Solomon

Manufactured Housing Consensus Committee
 Letter Ballot for MHCC - #2

REC'D FEB 6 2003

Vote on the proposed changes to the
 Comparison between NFPA 501 (2000 edition) and 24 CFR 3280 (1999 edition)

AFTER VOTING, RETURN ONE COPY OF BALLOT TO NFPA
 1 BATTERY MARCH PARK, QUINCY, MA 02269, OR FAX TO (617)984-7110

Must be received by NFPA
 By: February 6, 2003

Committee Action:
 A = Accept

Send ballot to: Jill McGovern
 jmcgovern@nfpa.org

Negative votes or abstentions must be accompanied with reasons for so voting. Please make comments on a separate sheet.
 If handwritten, please use black ink only. If voting Affirmative on all items, only return this page to NFPA.

With respect to the Committee Actions on the proposed changes that accompanied this ballot, please record me as voting:

Affirmative on all items, or

Affirmative except as indicated below

Date: February 6, 2003

Signed: *Christine Walsh Rogers*

Name: Christine Walsh Rogers
 Type or Print in black ink

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Vote		
			Affirm With Comment	Neg*	Abstain*
1 ROP	3280.4	A			
2 ROP	103	A		X	
3 ROC	105(a)(2)(iv)	A			
4 ROP/ROC	105(b)(2)	A			
5 ROP	111	A			
6 ROP/ROC	113	A			
7 ROP/ROC	206	A			
8 ROP/ROC	207 NEW	A			

* Reasons must accompany these votes

Proposed
Change
Number

24 CFR 3280 Referenced Section

Comm
ActionAffirm
With
Comment

Neg*

Abstain*

Walsh-Rogers

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
9 ROP/ROC	208	A			
10 ROP	210(b) NEW	A			
11 ROP	210(e) NEW	A			
12 ROP	210(f) NEW	A			
13 ROP	301	A			
14 ROP	303(g)(1) and (2) NEW	A			
15 ROP	304(b)(1) NEW	A			
16 ROP/ROC	304(b)(1) NEW	A			
17 ROP	304(b)(1)	A			
18 ROP	305(c)(1)(i)	A			
19 ROP/ROC	305(c)(2)(iv)	A			
20 ROP	305(c)(2)(ii)(B) item #9 Table footnote NEW	A			
21 ROP	305(c)(3)	A	X		
22 ROP	305(c)(3)(ii)	A			
23 ROP	305(c)(3)(iv)	A			
24 ROP	305(e)(1)	A	X		
25 ROP	305(g)(1)	A			
26 ROP	305(g)(3) NEW	A			
27 ROP	306(b)	A			
28 ROP/ROC	306(d)	A			
29 ROP	308(a)(2)	A			
30 ROP	308(a)(3) NEW	A			

*Reasons must accompany these votes

**Proposed
Change
Number**

24 CFR 3280 Referenced Section

**Comm
Action**

**Affirm
With
Comment**

Walsh-Rogers

Neg*

Abstain*

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
31 ROP	308(a)(4) NEW	A			
32 ROP	309	A			
33 ROP	401(a)	A			
34 ROP	401(b)	A			
35 ROP/ROC	402	A		X	
36 ROP/ROC	403	A	X		
37 ROP	404(c)(2)	A			
38 ROP	503	A			
39 ROP	504(c) NEW	A			
40 ROP/ROC	504(b)	A			
41 ROP	504(c)(1)(i)	A			
42 ROP	505(a)	A			
43 ROP	506(c)	A			
44 ROC	508(a) and (b)	A			
45 ROP	507(c)	A			
46 ROP	507 (e)	A			
47 ROP	509(c)	A			
48 ROP	510	A			
49 ROP	510(b)	A			
50 ROP	510(c)	A			
51 ROC	510	A			
52 ROP/ROC	511(a)(1)	A			

*Reasons must accompany these votes

Proposed
Change
Number

24 CFR 3280 Referenced Section

Comm
ActionAffirm
With
Comment

Neg*

Abstain*

Walsh-Rogers

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
95b ROP	802(a)(37)	A			
95c ROP	802(a)(39)	A			
95d ROP	803(d)	A			
95e ROP	803(f)	A			
95f ROP	803(i)	A			
95g ROP	803(k)	A			
95h ROP	804(a)	A			
95i ROP	804(c)	A			
95j ROP	804(e)	A			
95k ROC	804(f)	A			
95l ROP/ROC	804(j)	A			
95m ROP	805(a)(2)	A			
95n ROP	805(a)(3)	A			
95o ROP/ROC	806(d)(9)	A			
95p ROP	806(f)	A			
95q ROP	807(a)	A			
95r ROP	808(f)(1)	A	X		
95s ROP	808(i)	A			
95t ROP	808(l)	A			
95u ROP	808(o)	A			
95v ROP	808(p)(2)	A			
95w ROP	811	A			

*Reasons must accompany these votes

Letter Ballot for MHCC #1
Comparison between NFPA 501 (1997 and 1999 editions) and 24 CFR 3280 (1999 Edition)

Proposed Change #8-97 Negative. Adequate language should be added to allow for variations to shower compartments for access by persons with disabilities. In this case, shower compartment(s) should meet ADA standards or other similar performance criteria.

Proposed Change #21-99 Negative 6 Ft 7 in may be too high for persons with disabilities.

Letter Ballot for MHCC #2
Comparison between NFPA 501 (2001 edition) and 24 CFR 3280 (1999 Edition)

Proposed Change 2 ROP-Negative There are no known fans that will operate continuously for 10 years. This is an unreasonable expectation.

Proposed Change 21 ROP-Affirm with Comment I would like more specific information about the counties affected and the wind speed loan requirements.

Proposed Change 24 ROP-Affirm with comment There is a typo and the word "with" is used two times in the same sentence.

Proposed Change 35 ROP ROC- Negative (2) 1/4" nominal is too low, should be 3/8"

Proposed Change 36 ROP ROC- Affirm with comment Minimum inspections should be every four months.

Proposed Change 95r ROP-Affirm with comment Typo-should read "manufactured" homes.

Comments submitted by Christine Walsh Rogers

MHCC

Project Manager: Robert Solomon

REC'D JAN 21 2003

Manufactured Housing Consensus Committee

Letter Ballot for MHCC - #2

Vote on the proposed changes to the

Comparison between NFPA 501 (2000 edition) and 24 CFR 3280 (1999 edition)

**AFTER VOTING, RETURN ONE COPY OF BALLOT TO NFPA
1 BATTERY MARCH PARK, QUINCY, MA 02269, OR FAX TO (617)984-7110**

Must be received by NFPA
By: February 6, 2003

Send ballot to: Jill McGovern
jmcgovern@nfpa.org

Negative votes or abstentions must be accompanied with r/
If handwritten, please use black ink only. If votin

Post-it™ brand fax transmittal memo 7671 # of pages 8

To	Jill McGovern	From	R Weinert
Co.	NFPA	Co.	GA-HCD
Dept.		Phone #	916/327-2838
Fax #	617/984-7110	Fax #	

With respect to the Committee Actions on the proposed changes that accompanied this ballot, please record me as voting:

Affirmative on all items, or

Affirmative except as indicated below

Date: January 17, 2003

Signed:

Richard Weinert

Name:

Richard Weinert
Type or Print in black ink

Vote

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
1 ROP	3280.4	A			
2 ROP	103	A			
3 ROC	105(a)(2)(iv)	A			
4 ROP/ROC	105(b)(2)	A			
5 ROP	111	A			
6 ROP/ROC	113	A			
7 ROP/ROC	206	A	X		
8 ROP/ROC	207 NEW	A			

* Reasons must accompany these votes

Weinert

**Proposed
Change
Number**

24 CFR 3280 Referenced Section

**Comm
Action**

**Affirm
With
Comment**

Neg*

Abstain*

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
9 ROP/ROC	208	A			
10 ROP	210(b) NEW	A	X		
11 ROP	210(e) NEW	A			
12 ROP	210(f) NEW	A			
13 ROP	301	A			
14 ROP	303(g)(1) and (2) NEW	A			
15 ROP	304(b)(1) NEW	A			
16 ROP/ROC	304(b)(1) NEW	A			
17 ROP	304(b)(1)	A			
18 ROP	305(c)(1)(i)	A			
19 ROP/ROC	305(c)(2)(iv)	A			
20 ROP	305(c)(2)(ii)(B) item #9 Table footnote NEW	A			
21 ROP	305(c)(3)	A			
22 ROP	305(c)(3)(ii)	A			
23 ROP	305(c)(3)(iv)	A			
24 ROP	305(e)(1)	A			
25 ROP	305(g)(1)	A			
26 ROP	305(g)(3) NEW	A			
27 ROP	306(b)	A			
28 ROP/ROC	306(d)	A			
29 ROP	308(a)(2)	A			
30 ROP	308(a)(3) NEW	A			

*Reasons must accompany these votes

MHCC Letter Ballot #2**COMMENTS:**

R Weinert 1/17/03

The following are my comments on the MHCC proposed changes to 24CFR 3280:

- 7 ROP/ROC, Reason for affirmative with comment vote: (c)(4) [page #8] Reads: ***“Pipes, vents and other penetrations that cannot be moved freely within their opening shall be considered fireblocked”*** I strongly disagree with this statement, since an exhaust vent-pipe (like for a gas furnace/water heater) may be rigidly installed, yet the opening cut into the ceiling may contain large gaps/holes. Please re-word this sentence to say: ***“Pipes, vents and other penetrations shall be tight-fitted around the penetration or fire-blocked.”***
- 10 ROP, Reason for affirmative with comment vote: This section proposes to add requirements to the federal standards for those manufactured homes having an automatic fire sprinkler system installed. The standards, however, do not fully address all aspects of installation of such as : the requirements of IPIA – DAPIAs versus the authority having jurisdiction at the site; requirements for testing the system in-plant and on-site; length of time for pressure tests; placement of a permanent label inside the MH unit that describes the sprinkler system design, sprinkler model/type, etc. I suggest using portions of the regulations developed by the CA Dept. of Housing, Title 25, Chapter 3, Article 2.5 in order to clarify the design and installation procedures to the affected public.

MHCC

Project Manager: Robert Solomon

Manufactured Housing Consensus Committee

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A = Accept

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Affirmative on all items, or

Affirmative except as indicated below

Date: 2.2.03

SEE PAGE 7.

Signed: Alan J. Youse

Name: ALAN J. YOUSE
Type or Print in black ink

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Vote		
			Affirm With Comment	Neg*	Abstain*
1 ROP	3280.4	A			
2 ROP	103	A			
3 ROC	105(a)(2)(iv)	A			
4 ROP/ROC	105(b)(2)	A			
5 ROP	111	A			
6 ROP/ROC	113	A			
7 ROP/ROC	206	A			
8 ROP/ROC	207 NEW	A			

* Reasons must accompany these votes

HOUSE

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
9 ROP/ROC	208	A			
10 ROP	210(b) NEW	A			
11 ROP	210(e) NEW	A			
12 ROP	210(f) NEW	A			
13 ROP	301	A			
14 ROP	303(g)(1) and (2) NEW	A			
15 ROP	304(b)(1) NEW	A			
16 ROP/ROC	304(b)(1) NEW	A			
17 ROP	304(b)(1)	A			
18 ROP	305(c)(1)(i)	A			
19 ROP/ROC	305(c)(2)(iv)	A			
20 ROP	305(c)(2)(ii)(B) item #9 Table footnote NEW	A			
21 ROP	305(c)(3)	A			
22 ROP	305(c)(3)(ii)	A			
23 ROP	305(c)(3)(iv)	A			
24 ROP	305(e)(1)	A			
25 ROP	305(g)(1)	A			
26 ROP	305(g)(3) NEW	A	SEE P-7		
27 ROP	306(b)	A	SEE A-7		
28 ROP/ROC	306(d)	A			
29 ROP	308(a)(2)	A			
30 ROP	308(a)(3) NEW	A			

*Reasons must accompany these votes

HOUSE

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
74 ROP	703 (a) NEW	A			
75 ROP	704(a) through (c)	A			
76 ROP	705(b)(4) NEW	A			
77 ROP	705(d) Table (NEW section for Corrugated Stainless Steel Tubing)	A			
78 ROP/ROC	705(h)	A			
79 ROP	706(j)	A			
80 ROP	707(a)(2)	A			
81 ROP	707(d)	A			
82 ROP	709(h) NEW	A	SEE P-7		
83 ROP	711	A			
84 ROP	713(a)(1)(i)	A			
85 ROP	713(a)(1)(ii)	A			
86 ROP/ROC	715(a)(1)	A			
87 ROP	715(a)(2) NEW text	A			
88 ROP	715(a)(4)	A			
89 ROP	715(a)(5)(ii)	A			
90 ROP	715(a)(6)	A			
91 ROP	715(a)(7)	A			
92 ROP/ROC	715(c)	A			
93 ROP	715(d)	A			
94 ROP	715(d)(1) NEW	A			
95a ROP	801(e)	A	✓		

*Reasons must accompany these votes

- 5 -

GPI
BASED
RECENTLY

Youse

Proposed Change Number	24 CFR 3280 Referenced Section	Comm Action	Affirm With Comment	Neg*	Abstain*
95x ROP	811(a)(6)	A			
95y ROP	815(a)	A			
96 ROP	901	A			
97a ROP/ROC	304/305/403	A	SEE BELOW		
97b ROP	203/207	A	↓ PEN		
97c ROC	604 and NEW material	A			
97d ROP	504/508/604/703/704/707/715	A	↓		
97e ROP/ROC	3280, Subpart I	A			

2.2.03

- 10 ROP - 210 (b) NEW - NEGATIVE
- 11 ROP - 210 (e) TRUE COSTS OF SPUR SYSTEM NOT CLEAR. SITE BUILT HOMES DO NOT REQUIRE SUCH SYSTEMS
- 12 ROP - 210 (f)

AFFIRMATIVE AS INDICATED

IT IS EXTREMELY IMPORTANT THAT ALL OF THESE DOCUMENTS/CHANGES ARE ACCURATELY DESCRIBED BEFORE SUBMITTAL TO HUD.

27 ROP - SUPPORT LOCATIONS CLEARLY MARKED AND MARRIAGE LINE CRAWLED TO VERIFY CORRECT INSTALLATION.

26 ROP - AFFIRM EXTERIOR MATERIALS ARE USED IN THESE LOCATIONS.

82 ROP - DRAIN LINE SHALL BE INSTALLED TO CARRY WATER RUN-OFF TO EXTERIOR WALL.

*Reasons must accompany these votes

97a ROC/ROP - ALL REFERENCED STDS - CITES AND EXAMPLES MUST BEACH TEST PROCEDURE VERIFIED, DATE OF, AND ILLUSTRATED IN HOMEOWNERS MAINTENANCE MANUAL.

MHCC

Project Manager: Robert Solomon

Manufactured Housing Consensus Committee

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With respect to the Committee Actions on the proposed changes that accompanied this ballot, please record me as voting:

- Affirmative on all items, or *WITH COMMENTS - See attached*
- Affirmative except as indicated below

Date: 2-6-03

Signed: *M. Ziemann*

Name: MICHAEL ZIEMAN

Type or Print in black ink

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			Affirm With Comment	Neg*	Abstain*
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2 ROP	103	A			
3 ROC	105(a)(2)(iv)	A			
4 ROP/ROC	105(b)(2)	A			
5 ROP	111	A			
6 ROP/ROC	113	A			
7 ROP/ROC	206	A			
8 ROP/ROC	207 NEW	A			

* Reasons must accompany these votes

I agree WITH THE Following comments ZIEHAN
From Jerry McHale.

2000 edition of NFPA 501 compared to current
24 CFR 3280

M. J. Jensen
2-6-03

<u>Ref.</u>	<u>501 Ref.</u>	<u>3280 with changes</u>
✓ 1 ROP	1 st sentence insert words <u>or portions therefore</u> between code and of	same comment as 501 ref. <i>Yes</i>
✓ 2 ROP	Section 2-3.2.4.2 should be 2-3.2.2	Page 3 (4) strike out 2.3.3.3 as it is an NFPA 501 ref. <i>Replace with 3280, 103 (c) (3)</i> <i>Yes.</i>
6 ROP ROC	Section 2-13.2.3 should be 2-13.2.3 ?	
9 ROP ROC		Section 3-8 refers to NFPA 501 not to 3280, should be stricken <i>Yes</i>
	<i>Yes</i>	Page 10 (2)* An asterisk following the number or letter indicates that explanatory material on paragraph can be found in NFPA 501's Appendix A. The asterisk should be stricken.
	<i>Yes</i>	Page 10 (3)* The asterisk should be stricken.
	<i>Yes</i>	Page 14 (f)(3)(iv) Section 3-8.3.2(f) is an NFPA 501 reference, reference should be 3280.208.2(vi).
10 ROP	Section 3-10.2 Automatic fire Sprinkler	Section 210(b) same as 3-10.2 <i>Yes</i>
This item also appears in the 1997 and 1999 edition of NFPA 501 as Ref. 2-99. Which edition should prevail? <i>2000 will prevail - Latest Change</i>		
11 ROP 12 ROP	These two items are also included in the 1999 edition. See 1997-1999 edition, page 6, 2-99, sections 3-10.5 and 3-10.6. Which should prevail? <i>2000 will prevail - Latest Change</i>	

Zieman

14 POP

Correction already made

Believe reference should be 303 (2)(g)(1) and (2) rather than 303(g)(1) and (2)

28 ROP
ROC

Yes!

303(6)
The words shall have should be inserted between Zone III and both.

42 ROP

Yes

505(a)
(a) 6-51 should be stricken account 501 reference.

51 ROC

Yes

Figures 6-4.2.4 and 6-6 are NFPA 501 figures, not 3280.

95r ROP

Section 9-8.1.1, believe that this should be 9-8.1

Yes

95x ROP

Section 9-11.1 should be 9-11.1(3)

Yes

97 series

Should a new 3082 section be created for these items or should they continue in their present 3280 sections?

NFPA 501 Appendix References

7 ROP
ROC

Page 14 A-3-6.1

9 ROP
ROC

Page 14/15 A-3-8.3.1
A-3-8.2.2
Page 16 A-3-8.2.2(a)
A-3-8.2.2(b)
A-3-8.2.3
A-3-8.2.4

21 ROP

Page 21 A-4-5.3.3.1.1

33 ROP

Page 28 A-5.1.1

Zieman

34 ROP Page 34 A-S.1.2

90 ROP Page 66 A-8-14.7

Appendix material is not included in the 3280 document. How should MHCC address these items?

HUD should add an "informational purposes only" appendix.