

## Spuckler, Amanda (DLI)

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**From:** Doug Kirchner <dkirchner@renewaire.com>  
**Sent:** Thursday, December 12, 2019 4:23 AM  
**To:** RULES, DLI (DLI)  
**Subject:** Chapter 1346

Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Doug Kirchner  
Regional Sales Director  
Cell: 608-807-8069, Off.: 608-221-4499 x2220



*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ~~ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.~~

## Spuckler, Amanda (DLI)

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**From:** Rick Welter <RickW@welterheating.com>  
**Sent:** Wednesday, December 11, 2019 9:38 AM  
**To:** RULES, DLI (DLI)  
**Subject:** CODE letter  
**Attachments:** info@tops-usa.com\_20191211\_115052.pdf

Ms. Spuckler,  
Please take note to the attached letter in regards to CODE changes.  
Sincerely,

Rick Welter  
612-825-6867

-----Original Message-----

From: info@tops-usa.com [mailto:info@tops-usa.com] On Behalf Of info@  
Sent: Wednesday, December 11, 2019 5:51 AM  
To: Rick Welter <RickW@welterheating.com>  
Subject: Scanned image from Ray Welter Heating

DEVICE NAME: Not Set  
DEVICE MODEL: MX-M350N  
LOCATION: Not Set

FILE FORMAT: PDF MMR(G4)  
RESOLUTION: 300dpi x 300dpi

Attached file is scanned image in PDF format.

Use Acrobat(R)Reader4.0 or later version, or Adobe(R)Reader(TM) of Adobe Systems Incorporated to view the document.

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# Air Condition your shelter with Ray N. WELTER HEATING CO.

4637 CHICAGO AVENUE SOUTH      MINNEAPOLIS, MN 55407  
612-825-6867

Date: 12/11/2019

RE: Rulemaking docket for Minnesota Rules, Chapter 1346

Dear Ms. Spuckler,

Based on the DLI's agreement to further amend Minnesota Rules chapter 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

*Rick Welter*

Rick Welter, President

Ray N Welter Heating Co.

4637 Chicago Ave S.

Minneapolis, MN 55407

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.

**Spuckler, Amanda (DLI)**

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**From:** rickc@sauffererassociates.com  
**Sent:** Wednesday, December 11, 2019 10:05 AM  
**To:** RULES, DLI (DLI)  
**Subject:** Code

Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,  
Rick Clemens  
Saufferer & Associates  
612-720-1074

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ~~ASHRAE 62.2~~, as incorporated by reference in ~~Minnesota Rules, chapter 1346.~~

**Spuckler, Amanda (DLI)**

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**From:** Andrew Johnson <andrew@rhissupply.com>  
**Sent:** Thursday, December 12, 2019 9:42 AM  
**To:** Spuckler, Amanda (DLI)  
**Subject:** DOLI Chapter 1346  
**Attachments:** SRHI Fargo19121209380.pdf

Amanda,

Please see attached. I'd like to withdraw our request for a public hearing. A confirmation reply would be appreciated.

Thank you for your help!

Respectfully,

**Andrew Johnson**



Baxter, MN



Refrigeration - Heating, Inc.

December 12, 2019

Department of Labor and Industry  
c/o Ms. Amanda Spuckler  
443 Lafayette Road  
N. St. Paul, MN 55155  
[amanda.spuckler@state.mn.us](mailto:amanda.spuckler@state.mn.us)

Re: RULEMAKING DOCKET FOR MINNESOTA RULES CHAPTER 1346

Dear Ms. Spuckler:

RHI Supply Inc. would like to withdraw our request, dated November 26, 2019, for a hearing on the proposed changes to Minnesota Rules Chapter 1346 (part of R-04515),.

Please reply via email with confirmation of this withdrawal request.

Thank your help.

Sincerely,

A handwritten signature in black ink, appearing to read "Andrew Johnson", is written over a horizontal line.

Andrew Johnson  
RHI Supply Inc.  
Baxter, MN

**Spuckler, Amanda (DLI)**

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**From:** Jason Salter <jsalter@epsalesinc.com>  
**Sent:** Thursday, December 12, 2019 11:10 AM  
**To:** Spuckler, Amanda (DLI)  
**Subject:** DOLI Chapter 1346  
**Attachments:** Withdrawal of Request for Public Hearing on Minnesota Rules Chapter 1346.EP Sales.JS.pdf

Amanda, Please see attached. A confirmation reply would be appreciated.

Thank You,

Jason

Jason Salter

EP Sales Inc.

952-687-1693

[www.epsalesinc.com](http://www.epsalesinc.com)



December 11, 2019

Department of Labor and Industry  
c/o Ms. Amanda Spuckler  
443 Lafayette Road  
N. St. Paul, MN 55155  
[amanda.spuckler@state.mn.us](mailto:amanda.spuckler@state.mn.us)

Re: RULEMAKING DOCKET FOR MINNESOTA RULES CHAPTER 1346

Dear Ms. Spuckler:

EP Sales, Inc. would like to withdraw our request, dated November 26, 2019, for a hearing on the proposed changes to Minnesota Rules Chapter 1346 (part of R-04515),.

Please reply via email with confirmation of this withdrawal request.

Thank your help.

Sincerely,

A handwritten signature in black ink, appearing to be 'JS', written over a horizontal line.

Jason Salter  
Principal

EP Sales, Inc.  
7878 12<sup>th</sup> Ave. S.  
Bloomington, MN 55425  
952-854-4400



**Spuckler, Amanda (DLI)**

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**From:** Brian Ebert <brianncg@airmechanical.com>  
**Sent:** Thursday, December 12, 2019 7:49 AM  
**To:** RULES, DLI (DLI)  
**Subject:** FW: Message from KMBT\_C452  
**Attachments:** SKMBT\_C45219121207440.pdf

**Brian Ebert**  
**NC HVAC Manager**

763.746.3753 Office  
763.434.7747 Main

brianncg@airmechanical.com





December 12, 2019

RE: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules Chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

A handwritten signature in black ink, appearing to read "Lynda Brooks", written over a white background.

Lynda Brooks  
Purchasing Coordinator

**Spuckler, Amanda (DLI)**

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**From:** Brian Ebert <brianncgm@airmechanical.com>  
**Sent:** Thursday, December 12, 2019 7:49 AM  
**To:** RULES, DLI (DLI)  
**Subject:** FW: Message from KMBT\_C452  
**Attachments:** SKMBT\_C45219121207441.pdf

**Brian Ebert**  
**NC HVAC Manager**

**763.746.3753 Office**  
**763.434.7747 Main**

brianncgm@airmechanical.com





December 12, 2019

RE: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules Chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian Ebert", is written over the word "Sincerely,".

Brian Ebert  
New Construction General Manager

**Spuckler, Amanda (DLI)**

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**From:** Brian Ebert <brianncgm@airmechanical.com>  
**Sent:** Thursday, December 12, 2019 7:48 AM  
**To:** RULES, DLI (DLI)  
**Subject:** FW: Message from KMBT\_C452  
**Attachments:** SKMBT\_C45219121207442.pdf

**Brian Ebert**  
**NC HVAC Manager**

**763.746.3753 Office**  
**763.434.7747 Main**

brianncgm@airmechanical.com





December 12, 2019

RE: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules Chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

A handwritten signature in black ink, appearing to read "Ross Erickson".

Ross Erickson  
Owner

## Spuckler, Amanda (DLI)

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**From:** Brian Ebert <brianncg@airmechanical.com>  
**Sent:** Thursday, December 12, 2019 7:48 AM  
**To:** RULES, DLI (DLI)  
**Subject:** FW: Message from KMBT\_C452  
**Attachments:** SKMBT\_C45219121207443.pdf

**Brian Ebert**  
**NC HVAC Manager**

763.746.3753 Office  
763.434.7747 Main

[brianncg@airmechanical.com](mailto:brianncg@airmechanical.com)





December 12, 2019

RE: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules Chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

A handwritten signature in black ink, appearing to read "Brandon Patterson". The signature is stylized with a large initial "B" and a long horizontal stroke extending to the right.

Brandon Patterson  
NC HVAC Project Manager



## Spuckler, Amanda (DLI)

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**From:** Mike Jindra <Mike.Jindra@dsgsupply.com>  
**Sent:** Wednesday, December 11, 2019 3:21 PM  
**To:** Spuckler, Amanda (DLI)  
**Subject:** I withdraw my request for a hearing on 62.2

Hello Amanda,  
I would like to withdraw my request for a hearing on this matter.  
Please acknowledge that you received this.

Thank you,

**Mike Jindra** | *Account Manager – Plumbing/HVAC*

Dakota Supply Group | P (952) 935-0445 , Ext: 2219 | F (952) 935-7666

845 Berkshire Lane N | Plymouth, MN 55441

M (612) 597-3344



[dakotasupplygroup.com](http://dakotasupplygroup.com)

## Spuckler, Amanda (DLI)

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**From:** Daniel Forest <ForestD@venmar.ca>  
**Sent:** Thursday, December 12, 2019 6:13 AM  
**To:** RULES, DLI (DLI)  
**Subject:** Minnesota code change proposal

**Importance:** High

Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Daniel Forest

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

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*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ~~ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.~~

---

DANIEL FOREST | V-P Technology & Product Development  
Venmar Ventilation ULC | 550 boulevard Lemire, Drummondville (Québec), Canada J2C 7W9  
819.475.2635 office | 819.471.6080 mobile | 819.477.2660 fax

**BROAN** NuTone **VENMAR** **best** **vanEE**



This message is directed in confidence solely to the persons named above. This message contains privileged confidential information which is not to be disclosed. If you are not an intended recipient of this message or an authorized representative thereof, please contact the sender and then destroy this message as well as all existing copies. Any utilisation of this message by a person other than an intended recipient thereof is strictly forbidden.

## Spuckler, Amanda (DLI)

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**From:** Stephane Michaud <MichaudS@venmar.ca>  
**Sent:** Thursday, December 12, 2019 6:54 AM  
**To:** RULES, DLI (DLI)  
**Cc:** Patrick Nielsen; Loic Ares  
**Subject:** Minnesota code change proposal

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Stephane Michaud

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

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**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.

---

Stephane Michaud | Ingénieur concepteur R&D/ R&D Design Engineer  
Venmar Ventilation ULC | 550 boulevard Lemire, Drummondville (Québec), Canada J2C 7W9  
819.477.6226, poste/ext. 3305, bureau/office | 819.816.8698 cellulaire/mobile

BRIGAN NuTone VENMAR best 



**Spuckler, Amanda (DLI)**

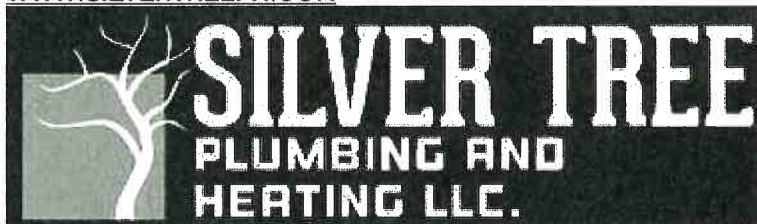
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**From:** Todd Boyum <toddb@silvertreepandh.com>  
**Sent:** Wednesday, December 11, 2019 12:57 PM  
**To:** RULES, DLI (DLI)  
**Subject:** MN Rule 1346  
**Attachments:** MN Rules Chapter 1346 12-11-19 TBoyum.pdf

Thank you~

*Todd Boyum*

PARTNER  
SILVER TREE PLUMBING & HEATING  
1335 MENDOTA HEIGHTS ROAD  
MENDOTA HEIGHTS, MN 55120  
OFFICE: 651-319-4200  
DIRECT: 651-900-7050  
FAX: 952-303-8033  
[TODDB@SILVERTREEPANDH.COM](mailto:TODDB@SILVERTREEPANDH.COM)  
[WWW.SILVERTREEPH.COM](http://WWW.SILVERTREEPH.COM)





December 11, 2019

Department of Labor and Industry  
c/o Ms. Amanda Spuckler  
443 Lafayette Road  
N. St. Paul, MN 55155

Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

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**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ~~ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.~~

Thank you for your help with this matter.

Sincerely,

A handwritten signature in black ink that reads "Todd Boyum".

Todd Boyum

Partner

Silver Tree Plumbing & Heating, LLC  
1335 Mendota Heights Rd.  
Mendota Heights, MN 55120

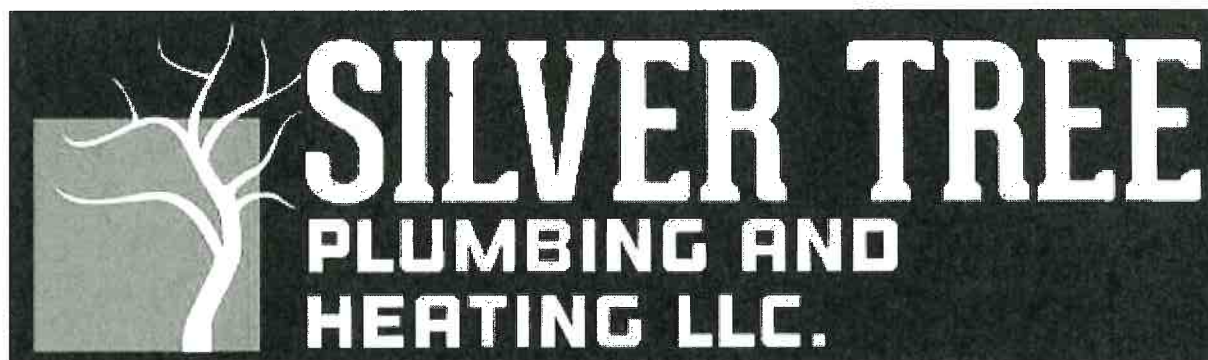
**Spuckler, Amanda (DLI)**

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**From:** Jake Ryan <Jaker@silvertreepandh.com>  
**Sent:** Wednesday, December 11, 2019 1:01 PM  
**To:** RULES, DLI (DLI)  
**Subject:** MN Rules 1346  
**Attachments:** MN Rules Chapter 1346 12-11-19 JRyan.pdf

THANK - YOU,  
JAKE RYAN  
SALES AND ESTIMATING

CHECK OUT OUR WEBSITE!!! [WWW.SILVERTREEPH.COM](http://WWW.SILVERTREEPH.COM)  
LIKE US ON FACEBOOK! [WWW.FACEBOOK.COM/SILVERTREEPLUMBINGANDHEATINGLLC](http://WWW.FACEBOOK.COM/SILVERTREEPLUMBINGANDHEATINGLLC)



1335 MENDOTA HEIGHTS ROAD  
MENDOTA HEIGHTS, MN 55120  
651.319.4200 OFFICE  
**651.900.7053 DIRECT**  
612.270.3195 CELL  
FAX 952.303.8033



December 11, 2019

Department of Labor and Industry  
c/o Ms. Amanda Spuckler  
443 Lafayette Road  
N. St. Paul, MN 55155

Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

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**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ~~ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.~~

Thank you for your help with this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Jacob Ryan", with a long horizontal flourish extending to the right.

Jacob Ryan  
HVAC Manager  
Silver Tree Plumbing & Heating, LLC  
1335 Mendota Heights Rd.  
Mendota Heights, MN 55120



## Spuckler, Amanda (DLI)

---

**From:** Matthew Friedlander <mfried@renewaire.com>  
**Sent:** Wednesday, December 11, 2019 8:21 AM  
**To:** RULES, DLI (DLI)  
**Cc:** Spuckler, Amanda (DLI); Mike Moore (mmoore@newportventures.net)  
**Subject:** Re chapters 1309 and 1349, request for hearing withdrawn

Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Matthew Friedlander  
[mfried@renewaire.com](mailto:mfried@renewaire.com) 608-850-2270 800-627-4499 x 2270  
RenewAire LLC

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

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*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ~~ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.~~

## Spuckler, Amanda (DLI)

---

**From:** Nicole Westfall - MEEA <nwestfall@mwalliance.org>  
**Sent:** Thursday, December 12, 2019 9:41 AM  
**To:** RULES, DLI (DLI)  
**Subject:** RE: Comments on Proposed Rules and Request for Hearing - Chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw our request for a hearing.

Sincerely,  
The Midwest Energy Efficiency Alliance

*It is MEEA's understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

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**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is MEEA's understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ASHRAE 62.2, ~~as incorporated by reference in Minnesota Rules, chapter 1346.~~

**Nicole Westfall** | MEEA  
Senior Building Policy Associate

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**From:** RULES, DLI (DLI) <dli.rules@state.mn.us>  
**Sent:** Wednesday, November 27, 2019 8:07 AM  
**To:** Nicole Westfall - MEEA <nwestfall@mwalliance.org>  
**Subject:** RE: Comments on Proposed Rules and Request for Hearing - Chapter 1346

Dear Ms. Westfall,

Your request for hearing has been received.

Thank you.

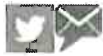
**Amanda Spuckler**

Rules Specialist and Outreach | Education, Rules and Code Development

**Minnesota Department of Labor and Industry**

443 Lafayette Road N., St. Paul, MN 55155

Phone: (651) 284-5361 | Web: [www.dli.mn.gov](http://www.dli.mn.gov)



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**From:** Nicole Westfall - MEEA <[nwestfall@mwalliance.org](mailto:nwestfall@mwalliance.org)>

**Sent:** Tuesday, November 26, 2019 4:27 PM

**To:** RULES, DLI (DLI) <[dli.rules@state.mn.us](mailto:dli.rules@state.mn.us)>

**Subject:** Comments on Proposed Rules and Request for Hearing - Chapter 1346

Dear Ms. Spuckler,

Please find attached comments from the Midwest Energy Efficiency Alliance on the proposed Minnesota Mechanical Code (Chapter 1346). Thank you for the opportunity to comment and please let me know if you have any questions.

Kind regards,  
Nicole

**Nicole Westfall**

**Senior Building Policy Associate**

Midwest Energy Efficiency Alliance (MEEA)

312.374.0918 | [www.mwalliance.org](http://www.mwalliance.org)

## **Spuckler, Amanda (DLI)**

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**From:** Bob Eddy <reddy@epsalesinc.com>  
**Sent:** Thursday, December 12, 2019 6:57 AM  
**To:** Spuckler, Amanda (DLI)  
**Cc:** Dave Ponschok; Jason Salter; Kevin Genereux  
**Subject:** RE: DOLI Chapter 1346  
**Attachments:** EP Sales.DOLI.Chapter 1346.Withdrawal Request.pdf

Amanda, Please see attached. A confirmation reply would be appreciated.

Thank you for your help.

Respectfully,

***Robert Eddy / President***

**EP Sales, Inc.**

Office: 952-854-4400

Direct: 952-698-4032

Mobile: 612-325-4338

Fax: 952-854-4441

[www.epsalesinc.com](http://www.epsalesinc.com)

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**From:** Bob Eddy  
**Sent:** Tuesday, November 26, 2019 5:28 PM  
**To:** amanda.spuckler@state.mn.us  
**Subject:** DOLI Chapter 1346

Amanda, please see attached. Thank you for your help.

Respectfully,

***Robert Eddy / President***

**EP Sales, Inc.**

Office: 952-854-4400

Direct: 952-698-4032

Mobile: 612-325-4338

Fax: 952-854-4441

[www.epsalesinc.com](http://www.epsalesinc.com)



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Department of Labor and Industry  
c/o Ms. Amanda Spuckler  
443 Lafayette Road  
N. St. Paul, MN 55155



December 11, 2019

Department of Labor and Industry  
c/o Ms. Amanda Spuckler  
443 Lafayette Road  
N. St. Paul, MN 55155  
[amanda.spuckler@state.mn.us](mailto:amanda.spuckler@state.mn.us)

Re: RULEMAKING DOCKET FOR MINNESOTA RULES CHAPTER 1346

Dear Ms. Spuckler:

EP Sales, Inc. would like to withdraw our request, dated November 26, 2019, for a hearing on the proposed changes to Minnesota Rules Chapter 1346 (part of R-04515),.

Please reply via email with confirmation of this withdrawal request.

Thank your help.

Sincerely,

A handwritten signature in black ink, appearing to read 'REDDY', is written over the typed name and title.

Robert Eddy  
President

EP Sales, Inc.  
7878 12<sup>th</sup> Ave. S.  
Bloomington, MN 55425  
952-854-4400

## Spuckler, Amanda (DLI)

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**From:** William Dean <will.dean@core.life>  
**Sent:** Wednesday, December 11, 2019 8:19 PM  
**To:** RULES, DLI (DLI)  
**Subject:** RE: Hearing Request - Chapter 1346

Hi Amanda,

This email is to indicate our request to withdraw our (CORE Energy Recovery Solutions') request for a hearing.

Thank you,

Will Dean  
Sales Manager, West Coast

o +1-250-634-3247

e [will.dean@core.life](mailto:will.dean@core.life)



[core.life](http://core.life)

formerly



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**From:** RULES, DLI (DLI) <dli.rules@state.mn.us>  
**Sent:** November 27, 2019 5:56 AM  
**To:** William Dean <will.dean@core.life>; RULES, DLI (DLI) <dli.rules@state.mn.us>  
**Subject:** RE: Hearing Request - Chapter 1346

Dear Mr. Dean,

Your request for hearing has been received.

Thank you.

**Amanda Spuckler**  
Rules Specialist and Outreach | Education, Rules and Code Development

**Minnesota Department of Labor and Industry**  
443 Lafayette Road N., St. Paul, MN 55155  
Phone: (651) 284-5361 | Web: [www.dli.mn.gov](http://www.dli.mn.gov)



**From:** William Dean <[will.dean@core.life](mailto:will.dean@core.life)>  
**Sent:** Tuesday, November 26, 2019 4:24 PM  
**To:** RULES, DLI (DLI) <[dli.rules@state.mn.us](mailto:dli.rules@state.mn.us)>  
**Subject:** Hearing Request - Chapter 1346

Hi Amanda,

I'm reaching out to request a formal hearing with regards to the proposed changes to Minnesota Rules Chapter 1346. Please see the attached letter.

Thank you,

Will Dean  
Sales Manager, West Coast  
o +1-250-634-3247  
e [will.dean@core.life](mailto:will.dean@core.life)



[core.life](http://core.life)

formerly





## Spuckler, Amanda (DLI)

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**From:** Jacki Donner - CEO <exec@hvi.org>  
**Sent:** Wednesday, December 11, 2019 2:28 PM  
**To:** Spuckler, Amanda (DLI)  
**Cc:** 'Mike Moore (mmoore@newportventures.net)'; Jim Boldt - Engineering Dir  
**Subject:** RE: HVI - Rulemaking Docket for Minnesota Rules Chapter 1346

Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.

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**From:** Spuckler, Amanda (DLI) <amanda.spuckler@state.mn.us>  
**Sent:** Tuesday, November 12, 2019 8:00 AM  
**To:** Jacki Donner - CEO <exec@hvi.org>  
**Cc:** 'Mike Moore (mmoore@newportventures.net)' <mmoore@newportventures.net>; ola.wettergren <ola.wettergren@systemair.net>; Jim Boldt - Engineering Dir <industry@hvi.org>  
**Subject:** RE: HVI - Rulemaking Docket for Minnesota Rules Chapter 1346

Dear Ms. Donner,

Your request for hearing and comment have been received and will be reviewed.

Thank you.

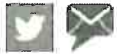
**Amanda Spuckler**

Rules Specialist and Outreach | Education, Rules and Code Development

**Minnesota Department of Labor and Industry**

443 Lafayette Road N., St. Paul, MN 55155

Phone: (651) 284-5361 | Web: [www.dli.mn.gov](http://www.dli.mn.gov)



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**From:** Jacki Donner - CEO <[exec@hvi.org](mailto:exec@hvi.org)>

**Sent:** Monday, November 11, 2019 4:25 PM

**To:** Spuckler, Amanda (DLI) <[amanda.spuckler@state.mn.us](mailto:amanda.spuckler@state.mn.us)>

**Cc:** 'Mike Moore ([mmoore@newportventures.net](mailto:mmoore@newportventures.net))' <[mmoore@newportventures.net](mailto:mmoore@newportventures.net)>; ola.wettergren <[ola.wettergren@systemair.net](mailto:ola.wettergren@systemair.net)>; Jim Boldt - Engineering Dir <[industry@hvi.org](mailto:industry@hvi.org)>

**Subject:** HVI - Rulemaking Docket for Minnesota Rules Chapter 1346

**Importance:** High

Ms. Spuckler, please refer to attached PDF for details on our request for a hearing.

Kind regards,

Jacki Donner

CEO, HVI

<p><b>Jacquelyn Donner, CAE</b> Executive Director/CEO/Secretary <a href="mailto:exec@harca.info">exec@harca.info</a></p> <p>1740 Dell Range Blvd, Ste H PMB 450 Cheyenne, WY 82009 USA</p> <p>Ph 855.484.8368 Ext. 101 Fax 480.559.9722 <a href="http://www.ventipedia.org">www.ventipedia.org</a></p>	The HARCA logo features a stylized house icon above the text 'HARCA' and 'HEALTHY AIR RESEARCH AND CERTIFICATION AUTHORITY'.
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The HVI logo features a stylized house icon above the text 'HVI' and 'HOME VENTILATING INSTITUTE', with the tagline 'Advancing the Value of Residential Ventilation for Healthier Living' below.	<p><b>Jacquelyn Donner, CAE</b> Executive Director/CEO <a href="mailto:exec@hvi.org">exec@hvi.org</a></p> <p>1740 Dell Range Blvd, Ste H PMB 450 Cheyenne, WY 82009 USA</p> <p>Ph 855.HVI.VENT (855.484.8368) Ext. 101 Fax 480.559.9722 <a href="http://www.hvi.org">www.hvi.org</a></p>
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## Spuckler, Amanda (DLI)

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**From:** Pope, Russell <russell.pope@us.panasonic.com>  
**Sent:** Wednesday, December 11, 2019 8:45 AM  
**To:** Spuckler, Amanda (DLI)  
**Subject:** RE: Panasonic Request for Public Hearing on Minnesota Rules Chapter 1346 changes

Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Russell Pope

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**From:** Spuckler, Amanda (DLI) [mailto:[amanda.spuckler@state.mn.us](mailto:amanda.spuckler@state.mn.us)]  
**Sent:** Friday, November 22, 2019 12:22 PM  
**To:** Pope, Russell <russell.pope@us.panasonic.com>  
**Subject:** RE: Panasonic Request for Public Hearing on Minnesota Rules Chapter 1346 changes

Dear Russell,

We have received your request for hearing and it be reviewed.

Thank you.

**Amanda Spuckler**  
Rules Specialist and Outreach | Education, Rules and Code Development

**Minnesota Department of Labor and Industry**  
443 Lafayette Road N., St. Paul, MN 55155  
Phone: (651) 284-5361 | Web: [www.dli.mn.gov](http://www.dli.mn.gov)

 **DEPARTMENT OF  
LABOR AND INDUSTRY**



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**From:** Pope, Russell <[russell.pope@us.panasonic.com](mailto:russell.pope@us.panasonic.com)>  
**Sent:** Friday, November 22, 2019 11:08 AM  
**To:** Spuckler, Amanda (DLI) <[amanda.spuckler@state.mn.us](mailto:amanda.spuckler@state.mn.us)>  
**Subject:** Panasonic Request for Public Hearing on Minnesota Rules Chapter 1346 changes

Dear Amanda,

Please kindly receive and review the attached request for public hearing.

Respectfully,

Russell

**Panasonic**

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**“We are dedicated to delivering healthy indoor living solutions- so everyone thrives”**

Industry Development Manager  
Panasonic Life Solutions Company of America  
[russell.pope@us.panasonic.com](mailto:russell.pope@us.panasonic.com)

Mobile (904)735-8409

## Spuckler, Amanda (DLI)

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**From:** Topitzhofer, Mike <Mike.Topitzhofer@irco.com>  
**Sent:** Wednesday, December 11, 2019 10:26 AM  
**To:** RULES, DLI (DLI)  
**Cc:** Spuckler, Amanda (DLI)  
**Subject:** RE: Proposal to add ASHRAE 62.2 to the MN residential energy code

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 (*as shown below*), please withdraw my request for a hearing.

Sincerely,

Mike Topitzhofer

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ~~ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.~~

Mike Topitzhofer  
Ingersoll Rand  
Business Development Manager, North Central  
Mobile: 763.639.8030

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**From:** Topitzhofer, Mike  
**Sent:** Tuesday, November 26, 2019 10:01 AM  
**To:** dli.rules@state.mn.us  
**Cc:** amanda.spuckler@state.mn.us  
**Subject:** Proposal to add ASHRAE 62.2 to the MN residential energy code

To Amanda Spuckler:

Good morning, I hope this message finds you well. Please see the attached letter containing my support against adopting the ASHRAE standard 62.2 into the MN residential energy code.

I'm a strong advocate for building new homes in MN that deliver low energy bills, healthy indoor air for occupants, and long-term durability. I believe that the current MN code requirement of balanced ventilation is the best approach MN homebuilders can take to achieve those goals, and ASHRAE 62.2 would represent a backward step. Thank you for your consideration.

Best regards,

Mike Topitzhofer  
Ingersoll Rand  
Business Development Manager, North Central  
Mobile: 763.639.8030  
[Mike.topitzhofer@irco.com](mailto:Mike.topitzhofer@irco.com)



[www.trane.com/builders](http://www.trane.com/builders)

[www.americanstandardair.com/builders](http://www.americanstandardair.com/builders)

## Spuckler, Amanda (DLI)

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**From:** Bender Christopher <Christopher.Bender@aldes.com>  
**Sent:** Wednesday, December 11, 2019 1:51 PM  
**To:** RULES, DLI (DLI)  
**Subject:** RE: RULEMAKING DOCKET FOR MINNESOTA RULES CHAPTER 1346

Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Christopher Bender

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ~~ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.~~

---

**De :** RULES, DLI (DLI) <dli.rules@state.mn.us>

**Envoyé :** November-26-19 3:42 PM

**À :** Bender Christopher <Christopher.Bender@aldes.com>

**Objet :** RE: RULEMAKING DOCKET FOR MINNESOTA RULES CHAPTER 1346

Dear Mr. Bender,

Your request for hearing has been received.

Thank you.

**Amanda Spuckler**

Rules Specialist and Outreach | Education, Rules and Code Development

**Minnesota Department of Labor and Industry**  
443 Lafayette Road N., St. Paul, MN 55155  
Phone: (651) 284-5361 | Web: [www.dli.mn.gov](http://www.dli.mn.gov)



**From:** Bender Christopher <[Christopher.Bender@aldes.com](mailto:Christopher.Bender@aldes.com)>  
**Sent:** Tuesday, November 26, 2019 2:33 PM  
**To:** RULES, DLI (DLI) <[dli.rules@state.mn.us](mailto:dli.rules@state.mn.us)>  
**Subject:** RULEMAKING DOCKET FOR MINNESOTA RULES CHAPTER 1346

Dear Mrs. Spuckler :

Please find attached a letter in support of a request for a hearing regarding the proposed changes to the Minnesota building code as it pertains to ventilation.

Best Regards,

Christopher Bender

**Christopher Bender**

Aldes North America

Marketing Director

Mobile: 514.883.5690

[christopher.bender@aldes.com](mailto:christopher.bender@aldes.com)

[www.aldes.ca](http://www.aldes.ca)





## Spuckler, Amanda (DLI)

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**From:** Matt Matheny <mmatheny@solerpalau.com>  
**Sent:** Wednesday, December 11, 2019 9:37 AM  
**To:** Spuckler, Amanda (DLI); RULES, DLI (DLI)  
**Cc:** Jim Boldt - Engineering Dir; Mike Moore  
**Subject:** RE: RULEMAKING DOCKET FOR MINNESOTA RULES CHAPTER 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Matt Matheny

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ASHRAE 62.2, ~~as incorporated by reference in Minnesota Rules, chapter 1346.~~

Thank you,  
**Matt Matheny**  
Residential Product Manager



**S&P USA Ventilation Systems, LLC**  
 6393 Powers Avenue  
 Jacksonville, FL 32217 USA  
 T. (904) 731-4711  
 F. (904) 737-8322  
[www.spvg-northamerica.com](http://www.spvg-northamerica.com)

**From:** Spuckler, Amanda (DLI) [mailto:[amanda.spuckler@state.mn.us](mailto:amanda.spuckler@state.mn.us)]  
**Sent:** Monday, November 18, 2019 12:43 PM  
**To:** Matt Matheny <[mmatheny@solerpalau.com](mailto:mmatheny@solerpalau.com)>  
**Subject:** RE: RULEMAKING DOCKET FOR MINNESOTA RULES CHAPTER 1346

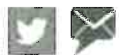
Dear Mr. Matheny,

We have received your request for hearing and comment and it will be reviewed by Department staff.

Thank you.

**Amanda Spuckler**  
 Rules Specialist and Outreach | Education, Rules and Code Development

**Minnesota Department of Labor and Industry**  
 443 Lafayette Road N., St. Paul, MN 55155  
 Phone: (651) 284-5361 | Web: [www.dli.mn.gov](http://www.dli.mn.gov)



**From:** Matt Matheny <[mmatheny@solerpalau.com](mailto:mmatheny@solerpalau.com)>  
**Sent:** Monday, November 18, 2019 11:34 AM  
**To:** Spuckler, Amanda (DLI) <[amanda.spuckler@state.mn.us](mailto:amanda.spuckler@state.mn.us)>  
**Subject:** RULEMAKING DOCKET FOR MINNESOTA RULES CHAPTER 1346

Dear Ms. Spuckler,

S&P USA requests that the proposals to allow ASHRAE 62.2 as an alternative path to Minnesota Rules Chapter 1322 be removed from both Chapter 1346 and also Chapter 1309 (by reference). Please see attached letter in response to this proposal and confirm receipt of this email at your earliest convenience.

Thank you,  
**Matt Matheny**  
 Residential Product Manager



**S&P USA Ventilation Systems, LLC**  
 6393 Powers Avenue  
 Jacksonville, FL 32217 USA  
 T. (904) 731-4711  
 F. (904) 737-8322  
[www.spvg-northamerica.com](http://www.spvg-northamerica.com)

## Spuckler, Amanda (DLI)

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**From:** Loic Ares <AresL@venmar.ca>  
**Sent:** Wednesday, December 11, 2019 8:12 PM  
**To:** RULES, DLI (DLI)  
**Subject:** Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Loïc Arès

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ASHRAE 62.2, ~~as incorporated by reference in Minnesota Rules, chapter 1346.~~

## Spuckler, Amanda (DLI)

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**From:** Patrick Beloin <BeloinP@venmar.ca>  
**Sent:** Thursday, December 12, 2019 7:43 AM  
**To:** RULES, DLI (DLI)  
**Cc:** Loic Ares; Patrick Nielsen; Mike Moore  
**Subject:** Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Patrick Beloin

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322 or 1346.



**PATRICK BELOIN** | Group Product Manager – Fresh Air Systems  
819.477.6226, ext. 3493 Direct | 819.816.2248 Cell |

[Beloinp@venmar.ca](mailto:Beloinp@venmar.ca) | [www.broan.com](http://www.broan.com)

Broan – Venmar - VanEE  
550 boulevard Lemire,

Drummondville, Qc J2C 7W9

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## Spuckler, Amanda (DLI)

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**From:** Tony Beres <tberes@mncee.org>  
**Sent:** Wednesday, December 11, 2019 1:50 PM  
**To:** RULES, DLI (DLI)  
**Subject:** Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw CEE staff's requests (10) for a hearing.

Sincerely,  
Tony Beres

[tberes@mncee.org](mailto:tberes@mncee.org)

*It is our understanding that DLI will further amend chapter 1346 to read as follows:*


**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ASHRAE-62.2, as incorporated by reference in Minnesota Rules, chapter-1346.

Tony Beres |   
Inspector/Rater | 651.789.5715  
Center for Energy and Environment  
1754 University Ave West | St. Paul, MN 55104  
[www.mncee.org](http://www.mncee.org)

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## Spuckler, Amanda (DLI)

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**From:** Aaron Bosen <aaron@riccarhvac.com>  
**Sent:** Wednesday, December 11, 2019 12:37 PM  
**To:** RULES, DLI (DLI)  
**Subject:** Re: Rulemaking docket for Minnesota Rules, chapter 1346

Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Aaron Bosen  
Riccar Heating

Jeffrey Arent  
Riccar Heating

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter-1346.

*Aaron Bosen*



Riccar Heating & Air  
2387 Station Parkway NW  
Andover, MN. 55304  
Main: 763-754-4000  
Fax: 763-754-0132  
[aaron@riccarhvac.com](mailto:aaron@riccarhvac.com)

**Spuckler, Amanda (DLI)**

---

**From:** Todd Ferrara <Todd.Ferrara@standardheating.com>  
**Sent:** Thursday, December 12, 2019 9:40 AM  
**To:** RULES, DLI (DLI)  
**Subject:** Re: Rulemaking docket for Minnesota Rules, chapter 1346

**Dear Ms. Spuckler,**

**Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.**

**Sincerely,**

**Todd Ferrara and Standard Heating & Air Conditioning.**

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

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*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ~~ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.~~

**Todd Ferrara | Vice President**  
Standard Heating & Air Conditioning  
130 Plymouth Avenue North  
Desk & Mobile: 612-436-2351 | [standardheating.com](http://standardheating.com)





Facebook: [www.facebook.com/StandardHeating](https://www.facebook.com/StandardHeating) Twitter: [twitter.com/StandardHeating](https://twitter.com/StandardHeating)

## Spuckler, Amanda (DLI)

---

**From:** Scott Forest <SForest@renewaire.com>  
**Sent:** Wednesday, December 11, 2019 8:40 AM  
**To:** RULES, DLI (DLI)  
**Cc:** mmoore@newportventures.net; industry@hvi.org; Matthew Friedlander  
**Subject:** Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

**Scott Forest**  
President  
RenewAire LLC  
Off.: (800) 627-4499 ext 2230

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

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*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.



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[renewaire.com](http://renewaire.com)

## Spuckler, Amanda (DLI)

---

**From:** Chuck Gates <cgates@renewaire.com>  
**Sent:** Wednesday, December 11, 2019 5:06 PM  
**To:** RULES, DLI (DLI)  
**Subject:** Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

### **Chuck Gates**

*Chief Executive Officer*

Office: (800) 627-4499 x2250

Direct: (608) 850-2250

Cell: (608) 358-0371

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

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*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ~~ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.~~

## Spuckler, Amanda (DLI)

---

**From:** Melina Rouleau <RouleauM@venmar.ca>  
**Sent:** Thursday, December 12, 2019 9:47 AM  
**To:** RULES, DLI (DLI)  
**Cc:** Mike Moore; Patrick Nielsen; Loic Ares  
**Subject:** RE: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Melina Rouleau

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322 or 1346.



Mélina Rouleau | Associate Marketing Manager / Associée-Chef Marketing  
819.477.6226, poste/ext 3490 Direct | 819.818.1510 Cell |

[rouleaum@venmar.ca](mailto:rouleaum@venmar.ca) | [www.Broan.com](http://www.Broan.com)

Broan – Venmar - VanEE  
550 boulevard Lemire,  
Drummondville, Qc J2C 7W9

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## Spuckler, Amanda (DLI)

---

**From:** Ben Schoenbauer <bschoenbauer@mncee.org>  
**Sent:** Wednesday, December 11, 2019 1:38 PM  
**To:** RULES, DLI (DLI)  
**Subject:** Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,  
Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Ben Schoenbauer, Senior Research Engineer, CE, [bschoenbauer@mncee.org](mailto:bschoenbauer@mncee.org)

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ASHRAE 62.2, ~~as incorporated by reference in Minnesota Rules, chapter 1346.~~

Ben Schoenbauer |   
Research Engineer | 612-244-2413  
Center for Energy and Environment  
212 Third Avenue North, Suite 560 | Minneapolis, MN 55401  
[www.mncee.org](http://www.mncee.org)

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## Spuckler, Amanda (DLI)

---

**From:** Jake Selstad <jselstad@mncee.org>  
**Sent:** Wednesday, December 11, 2019 2:10 PM  
**To:** RULES, DLI (DLI)  
**Subject:** Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw CEE staff's requests (10) for a hearing.

Sincerely,  
Jacob Selstad

[jselstad@mncee.org](mailto:jselstad@mncee.org)

*It is our understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ~~ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.~~

--

Jake Selstad |   
Inspector/Rater | 651.789.5716  
Center for Energy and Environment  
1754 University Ave West | St. Paul, MN 55104  
[www.mncee.org](http://www.mncee.org)

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## Spuckler, Amanda (DLI)

---

**From:** Isaac Smith <ismith@mncee.org>  
**Sent:** Wednesday, December 11, 2019 2:08 PM  
**To:** RULES, DLI (DLI)  
**Subject:** Re: Rulemaking docket for Minnesota Rules, chapter 1346  
**Attachments:** 11337502.gif

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw CEE staff's requests (10) for a hearing.

Sincerely,

Isaac Smith - [ismith@mncee.org](mailto:ismith@mncee.org)

*It is our understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.

Thanks,

Isaac

Isaac Smith |   
Residential Program Development Manager | 612.335.3483  
Center for Energy and Environment  
212 Third Avenue North, Suite 560 | Minneapolis, MN 55401  
(fax) 612.335.3483 | [www.mncee.org](http://www.mncee.org)

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## Spuckler, Amanda (DLI)

---

**From:** Ola Wettergren <ola.wettergren@systemair.net>  
**Sent:** Wednesday, December 11, 2019 2:04 PM  
**To:** Spuckler, Amanda (DLI)  
**Cc:** Mike Moore (mmoore@newportventures.net)  
**Subject:** Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

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*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ~~ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.~~

Sincerely,

Ola Wettergren  
Business Development Director



**Systemair**  
10048 Industrial Blvd., Lenexa, KS, 66215, , United States  
Phone: 913.752.6000  
Mobile: 941.350.7055  
ola.wettergren@systemair.net  
[www.systemair.net](http://www.systemair.net)

## Spuckler, Amanda (DLI)

---

**From:** Mike Wilson <Mike.Wilson@dsgsupply.com>  
**Sent:** Thursday, December 12, 2019 5:58 AM  
**To:** RULES, DLI (DLI)  
**Subject:** Re: Rulemaking docket for Minnesota Rules, chapter 1346

**Importance:** High

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Mike Wilson

**Please respond that this email has been received – Thank You**

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

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*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.

**Mike Wilson** | Technical Application Specialist – HVAC

Dakota Supply Group | P (952) 935-0445 , Ext: 2217 | F (952) 935-7666

845 Berkshire Lane N | Plymouth, MN 55441



[dakotasupplygroup.com](http://dakotasupplygroup.com)

## Spuckler, Amanda (DLI)

---

**From:** Fecteau Adam <Adam.Fecteau@aldes.com>  
**Sent:** Wednesday, December 11, 2019 12:32 PM  
**To:** RULES, DLI (DLI)  
**Cc:** Mike Moore; exec@hvi.org  
**Subject:** Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Adam Fecteau, Christopher Bender, Étienne Gendreau, Glenn Thompson

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

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*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322; or ~~ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.~~

**Adam Fecteau ing. / Eng.**

Aldes

Directeur Technique / Engineering Manager

Mobile : 819.740.3927

adam.fecteau@aldes.com

[www.aldes.ca](http://www.aldes.ca)



“Anybody can find problems, even dumb people.  
One distinguishes himself by the solutions he brings ”

**Spuckler, Amanda (DLI)**

---

**From:** Lester Shen <lshen@mncee.org>  
**Sent:** Wednesday, December 11, 2019 2:23 PM  
**To:** RULES, DLI (DLI)  
**Subject:** Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,  
Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw CEE staff's requests (10) for a hearing.

Sincerely,  
Lester S. Shen  
[lshen@mncee.org](mailto:lshen@mncee.org)

*It is our understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

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**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.

Lester S. Shen, Ph.D. |   
Director of Innovative Technologies | 612-335-5883  
Center for Energy and Environment  
212 Third Avenue North, Suite 560 | Minneapolis, MN 55401  
(cell) | (fax) 612-335-5883 | [www.mncee.org](http://www.mncee.org)

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## Spuckler, Amanda (DLI)

---

**From:** Rick Cobbs <rick@tenww.com>  
**Sent:** Wednesday, December 11, 2019 4:10 PM  
**To:** RULES, DLI (DLI)  
**Subject:** Rescinding Request for Public Hearing  
**Attachments:** Ventilation Letter to State .pdf

Hi,

Please see attached for my letter withdrawing my request for a public hearing on chapters 1309 and 1346.

Thanks,

Rick Cobbs  
The Energy Network Worldwide | [www.TENww.com](http://www.TENww.com)  
C: 612.501.1778 | E: [rick@TENww.com](mailto:rick@TENww.com)





To: Department of Labor and Industry  
c/o Ms. Amanda Spuckler  
443 Lafayette Road  
N. St. Paul, MN 55155

Re: PROPOSAL TO ADD ASHRAE 62.2-2016 TO MINNESOTA RULES CHAPTER 1346 AS A VENTILATION COMPLIANCE OPTION.

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Rick Cobbs  
Director of Production Services  
The Energy Network Worldwide

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ASHRAE 62.2, ~~as incorporated by reference in Minnesota Rules, chapter 1346.~~

The Energy Network  
Worldwide LLC  
P: 612.913.4250  
E: [its@TENww.com](mailto:its@TENww.com)

Company Address:  
15592 60<sup>th</sup> Ave N  
Plymouth, MN 55466



## Spuckler, Amanda (DLI)

---

**From:** Joe Lstiburek <joe@buildingscience.com>  
**Sent:** Wednesday, December 11, 2019 5:50 PM  
**To:** RULES, DLI (DLI)  
**Cc:** Mike Moore  
**Subject:** Rule making docket for Minnesota Rules Chapter 1346

Dear Ms Spuckler,  
I am withdrawing my request to petition for a hearing regarding Minnesota Rules Chapter 1346  
Respectfully  
Joseph Lstiburek

**From:** RULES, DLI (DLI) <dli.rules@state.mn.us>

**Sent:** Tuesday, November 26, 2019 1:37 PM  
**To:** Joe Lstiburek <joe@buildingscience.com>; RULES, DLI (DLI) <dli.rules@state.mn.us>  
**Cc:** Mike Moore <mmoore@newportventures.net>  
**Subject:** RE: Rule making docket for Minnesota Rules Chapter 1346

Dear Dr. Lstiburek,  
Your request for hearing has been received.  
Thank you.

**Amanda Spuckler**  
Rules Specialist and Outreach | Education, Rules and Code Development

**Minnesota Department of Labor and Industry**  
443 Lafayette Road N., St. Paul, MN 55155  
Phone: (651) 284-5361 | Web: [www.dli.mn.gov](http://www.dli.mn.gov)



**From:** Joe Lstiburek <joe@buildingscience.com>  
**Sent:** Tuesday, November 26, 2019 1:04 PM  
**To:** RULES, DLI (DLI) <dli.rules@state.mn.us>  
**Cc:** [mmoore@newportventures.net](mailto:mmoore@newportventures.net)  
**Subject:** Rule making docket for Minnesota Rules Chapter 1346

Dear Ms. Spuckler,  
Please see attached letter.  
Respectfully,  
Joseph Lstiburek, Ph.D., P.Eng.

## Spuckler, Amanda (DLI)

---

**From:** Nick Agopian <NAgopian@renewaire.com>  
**Sent:** Wednesday, December 11, 2019 7:02 PM  
**To:** RULES, DLI (DLI)  
**Subject:** Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

---

**Best,**

**Nick Agopian, Vice President Sales and Marketing**

Cell: (608) 512-3807, Off.: (608) 850-2222

IMPORTANT NOTICE: This message is intended only for the use of the individual or entity to which it is addressed. The message may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee, you are notified that any dissemination, distribution or copying of this communication is strictly prohibited.

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ~~ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.~~

**Spuckler, Amanda (DLI)**

---

**From:** Phil Anderson <panderson@mncee.org>  
**Sent:** Thursday, December 12, 2019 9:42 AM  
**To:** RULES, DLI (DLI)  
**Subject:** Rulemaking docket for Minnesota Rules, Chapter 1346  
**Attachments:** Rulemaking docket for Minnesota Rules, Chapter 1346.pdf

Dear Ms. Spuckler,

Please see the attached letter.

Thank you,  
Phil

--

Phil Anderson |   
QA and New Homes Manager | 651.789.5713  
Center for Energy and Environment  
1754 University Ave West | St. Paul, MN 55104  
[www.mncee.org](http://www.mncee.org)

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This e-mail transmission and any attachments accompanying it may contain confidential and/or proprietary information and is intended only for the person or entity to whom it was originally addressed. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or other use of this information is strictly prohibited. Any unauthorized interception of this transmission is illegal. If you have received this transmission in error, please notify the sender by reply e-mail, and then destroy all copies of this transmission



Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

A handwritten signature in cursive script that reads 'Phil Anderson'.

Phil Anderson  
panderson@mncee.org

*It is our understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ASHRAE 62.2, ~~as incorporated by reference in Minnesota Rules, chapter 1346.~~

## Spuckler, Amanda (DLI)

---

**From:** Ben Rabe <rabe@fresh-energy.org>  
**Sent:** Wednesday, December 11, 2019 1:33 PM  
**To:** Spuckler, Amanda (DLI)  
**Subject:** Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,  
Ben Rabe  
Fresh Energy

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

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*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ~~ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.~~

Ben Rabe, CEM  
Director, Built Environment  
Fresh Energy  
Phone [651 726 7574](tel:6517267574) | [he/him/his](mailto:he/him/his)  
[www.fresh-energy.org](http://www.fresh-energy.org) | [@BenRabeMN](https://twitter.com/BenRabeMN)

## Spuckler, Amanda (DLI)

---

**From:** Mike Daniels <mike.daniels@auersteel.com>  
**Sent:** Thursday, December 12, 2019 9:23 AM  
**To:** RULES, DLI (DLI)  
**Subject:** Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

**Mike Daniels**

**Vice President of Sales & Marketing | Auer Steel & Heating Supply Co.**

Direct: 763-450-9226 or Ext 3226 | Cell: 763-286-2999

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.

## Spuckler, Amanda (DLI)

---

**From:** Tim McDonald <Tim.McDonald@dsgsupply.com>  
**Sent:** Wednesday, December 11, 2019 4:00 PM  
**To:** RULES, DLI (DLI)  
**Subject:** Rulemaking docket for Minnesota Rules, chapter 1346

**Importance:** High

Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Tim McDonald

**Please respond that this email has been received – Thank You**

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

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**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.

Please note my new email is [Tim.McDonald@dsgsupply.com](mailto:Tim.McDonald@dsgsupply.com)

**Tim McDonald** | Account Manager – Indoor Air Quality

Dakota Supply Group | P (651) 224-5781, Ext: 2215 | F (651) 224-5902

475 Minnehaha Ave W | St. Paul, MN 55103

M (612) 597-3399 | D (651) 558-5775



[dakotasupplygroup.com](http://dakotasupplygroup.com)

## Spuckler, Amanda (DLI)

---

**From:** Patrick Nielsen <Patrick.Nielsen@broan.com>  
**Sent:** Wednesday, December 11, 2019 10:40 AM  
**To:** RULES, DLI (DLI)  
**Subject:** Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

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*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ~~ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.~~

Patrick Nielsen | Global Technical Products Manager  
(262) 673-8534 (office) | (414) 405-2772 (cell)  
[patrick.nielsen@broan.com](mailto:patrick.nielsen@broan.com) | [www.Broan.com](http://www.Broan.com)





## Spuckler, Amanda (DLI)

---

**From:** Rebecca Olson <rolson@mncee.org>  
**Sent:** Wednesday, December 11, 2019 2:15 PM  
**To:** RULES, DLI (DLI)  
**Subject:** Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Rebecca Olson, Director of Residential Programs (rolson@mncee.org)

*It is our understanding that DLI will further amend chapter 1346 to read as follows:*


**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

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*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ASHRAE-62.2, as incorporated by reference in Minnesota Rules, chapter-1346.

Rebecca Olson | 

Director of Residential Programs | 651.789.5705

Center for Energy and Environment

1754 University Ave West | St. Paul, MN 55104

[www.mncee.org](http://www.mncee.org)

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## Spuckler, Amanda (DLI)

---

**From:** Alex Reinhardt <alexr@genzryan.com>  
**Sent:** Thursday, December 12, 2019 10:42 AM  
**To:** RULES, DLI (DLI)  
**Subject:** Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Alex Reinhardt, Genz-Ryan

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

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*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ~~ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.~~

### Alex Reinhardt | HVAC Installer Manager

(651) 755-5600

2200 Hwy 13 W • Burnsville • Minnesota • 55337



Heating • Cooling • Plumbing • Electrical



Confidentiality Notice:

## Spuckler, Amanda (DLI)

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**From:** Matthew B. Rimnac <mrinnac@mnair.com>  
**Sent:** Wednesday, December 11, 2019 11:39 AM  
**To:** Spuckler, Amanda (DLI)  
**Subject:** Rulemaking docket for Minnesota Rules, chapter 1346

Amanda,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Matt Rimnac

---

**From:** Spuckler, Amanda (DLI) [mailto:amanda.spuckler@state.mn.us]  
**Sent:** Tuesday, November 12, 2019 8:53 AM  
**To:** Matthew B. Rimnac  
**Subject:** RE: Request for removal of 62.2

Dear Mr. Rimnac,

Your request for hearing and comment has been received and will be reviewed.

Thank you.

### Amanda Spuckler

Rules Specialist and Outreach | Education, Rules and Code Development

#### Minnesota Department of Labor and Industry

443 Lafayette Road N., St. Paul, MN 55155

Phone: (651) 284-5361 | Web: [www.dli.mn.gov](http://www.dli.mn.gov)



---

**From:** Matthew B. Rimnac <mrinnac@mnair.com>  
**Sent:** Friday, November 08, 2019 3:48 PM  
**To:** RULES, DLI (DLI) <dli.rules@state.mn.us>  
**Subject:** Request for removal of 62.2

Amanda,

Please see my attached letter about my concerns on 62.2 as an alternate compliance path to chapter 1322

Thanks you for your time.

Matt Rimnac

## Spuckler, Amanda (DLI)

---

**From:** Glenn Thompson <thompson.glenn@outlook.com>  
**Sent:** Wednesday, December 11, 2019 1:50 PM  
**To:** RULES, DLI (DLI)  
**Cc:** mmoore@newportventures.net; Jacki Donner (exec@hvi.org); Fecteau Adam  
**Subject:** Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Glenn Thompson

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

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*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ASHRAE 62.2, ~~as incorporated by reference in Minnesota Rules, chapter 1346.~~

## Spuckler, Amanda (DLI)

---

**From:** Dave Bohac <dbohac@mncee.org>  
**Sent:** Wednesday, December 11, 2019 2:40 PM  
**To:** RULES, DLI (DLI)  
**Cc:** Rebecca Olson  
**Subject:** Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

David Bohac, PE

*It is our understanding that DLI will further amend chapter 1346 to read as follows:*


**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

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*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ~~ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.~~

Dave Bohac | 

Director of Research | 612-802-1697

Center for Energy and Environment

212 Third Avenue North, Suite 560 | Minneapolis, MN 55401

(fax) 612-335-5866 | [www.mncee.org](http://www.mncee.org)

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## Spuckler, Amanda (DLI)

---

**From:** Randy Green <Randy.Green@galarson.com>  
**Sent:** Wednesday, December 11, 2019 8:48 AM  
**To:** RULES, DLI (DLI)  
**Subject:** Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

It is my understanding that DLI will further amend chapter 1346 to read as follows:

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

Additionally, I understanding that DLI will further amend chapter 1309 to read as follows:

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or 1346.

Sincerely,

Randy Green | Residential Sales Manager



13200 10th Ave North | Plymouth, MN 55441  
D 612.656.4340 | M 612.961.5523 | F 763.546.3934



**Spuckler, Amanda (DLI)**

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**From:** Michael Sowinski <msowinski@renewaire.com>  
**Sent:** Wednesday, December 11, 2019 1:46 PM  
**To:** RULES, DLI (DLI)  
**Cc:** mmoore@newportventures.net; industry@hvi.org; Michael Sowinski  
**Subject:** Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Michael J. Sowinski  
Director of Finance  
(P) 608.850.2255  
[www.renewaire.com](http://www.renewaire.com)





## Spuckler, Amanda (DLI)

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**From:** Neal Werner <NWerner@renewaire.com>  
**Sent:** Wednesday, December 11, 2019 3:40 PM  
**To:** RULES, DLI (DLI)  
**Cc:** mmoore@newportventures.net; industry@hvi.org  
**Subject:** Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346, please withdraw my request for a hearing.

Sincerely,

Neal Werner  
VP Engineering  
(P) 608.850.2279  
[www.renewaire.com](http://www.renewaire.com)



## Spuckler, Amanda (DLI)

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**From:** John Saufferer <Johns@sauffererassociates.com>  
**Sent:** Wednesday, December 11, 2019 7:16 AM  
**To:** RULES, DLI (DLI)  
**Subject:** Rulemaking document docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

John Saufferer

Richard Clemens

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ~~ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.~~

John

Saufferer Associates  
612-961-8760  
[www.sauffererassociates.com](http://www.sauffererassociates.com)

**Spuckler, Amanda (DLI)**

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**From:** Jeff Arent <jeff@riccarhvac.com>  
**Sent:** Thursday, December 12, 2019 10:41 AM  
**To:** RULES, DLI (DLI)  
**Subject:** withdraw request

Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Jeff Arent

Riccar Heating

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ~~ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346.~~

## Spuckler, Amanda (DLI)

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**From:** Mike Moore <mmoore@newportventures.net>  
**Sent:** Tuesday, December 10, 2019 10:28 PM  
**To:** RULES, DLI (DLI)  
**Subject:** Withdrawal of hearing request

Re: Rulemaking docket for Minnesota Rules, chapter 1346

Dear Ms. Spuckler,

Based on DLI's agreement to further amend Minnesota Rules chapters 1309 and 1346 as shown below, please withdraw my request for a hearing.

Sincerely,

Mike Moore

*It is my understanding that DLI will further amend chapter 1346 to read as follows:*

**401.2 Ventilation required.** Every occupied space other than buildings constructed in accordance with the IRC and Group R-2, R-3, and R-4 occupancies three stories and less in height shall be ventilated by natural means in accordance with section 402 or by mechanical ventilation in accordance with section 403. Ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with section 407.

**401.2.1 Ventilation in IRC buildings.** Ventilation in buildings constructed in accordance with the IRC shall comply with Minnesota Rules, chapter 1322.

**401.2.2 Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height.** Ventilation in Group R-2, R-3, and R-4 occupancies three stories and less in height shall be provided with a balanced ventilation system and shall comply with the fan efficacy requirements located in Minnesota Rules, chapter 1322 and the ventilation requirements in (1) Minnesota Rules, chapter 1322, or (2) ASHRAE 62.2 Ventilation and Acceptable Indoor Air Quality in Residential Buildings.

*It is my understanding that DLI will further amend chapter 1309 to read as follows:*

**R303.4 Mechanical ventilation.** Mechanical ventilation of a dwelling unit shall comply with either Minnesota Rules, chapter 1322, or ASHRAE 62.2, as incorporated by reference in Minnesota Rules, chapter 1346

**Mike Moore, P.E.**  
303.408.7015

## Spuckler, Amanda (DLI)

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**From:** Kevin Genereux <kgenereux@epsalesinc.com>  
**Sent:** Thursday, December 12, 2019 11:03 AM  
**To:** Spuckler, Amanda (DLI)  
**Subject:** Withdrawl of Request for Public Hearing on Minnesota Rules Chapter 1346  
**Attachments:** Withdrawl of Request for Public Hearing on Minnesota Rules Chapter 1346.EP  
Sales.KG.pdf; ATT00001.txt



December 11, 2019

Department of Labor and Industry  
c/o Ms. Amanda Spuckler  
443 Lafayette Road  
N. St. Paul, MN 55155  
[amanda.spuckler@state.mn.us](mailto:amanda.spuckler@state.mn.us)

Re: RULEMAKING DOCKET FOR MINNESOTA RULES CHAPTER 1346

Dear Ms. Spuckler:

EP Sales, Inc. would like to withdraw our request, dated November 26, 2019, for a hearing on the proposed changes to Minnesota Rules Chapter 1346 (part of R-04515),.

Please reply via email with confirmation of this withdrawal request.

Thank your help.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kevin Genereux', is written over a horizontal line.

Kevin Genereux  
Principal

EP Sales, Inc.  
7878 12<sup>th</sup> Ave. S.  
Bloomington, MN 55425  
952-854-4400

ATT0001

Regards

Kevin Genereux  
701-318-3752