

Office of the Revisor of Statutes

Administrative Rules



TITLE: Adopted Permanent Rules Adopting Changes to Minnesota Provisions of the State Building Code

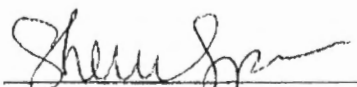
AGENCY: Department of Labor and Industry

REVISOR ID: R-4521

MINNESOTA RULES: Chapter 1303



The attached rules are approved for
filing with the Secretary of State


Sheree Speer
Assistant Deputy Revisor

201480

1.1 **Department of Labor and Industry**1.2 **Adopted Permanent Rules Adopting Changes to Minnesota Provisions of the State**
1.3 **Building Code**1.4 **1303.2200 SIMPLIFIED WIND LOADS.**1.5 *[For text of subpart 1, see Minnesota Rules]*

1.6 Subp. 2. **Simplified design wind pressures.** P_s represents the net pressures (sum of
1.7 internal and external) to be applied to the horizontal and vertical projections of building
1.8 surfaces. For the horizontal pressures, P_s is the combination of the windward and leeward
1.9 net pressures. P_s may be determined from the following equation:

1.10
$$P_s = K_{zt} (V_{ult}^2 / 115^2) P_{alt}$$

1.11 where:

1.12 K_{zt} = Topographic factor as defined in Chapter 26 of ASCE 7.1.13 P_{alt} = Alternative simplified design wind pressure from Table P_{alt} .1.14 **TABLE P_{alt} ^a**1.15 **Horizontal and Vertical Pressure^b**

1.16 Exp B 25 psf

1.17 Exp C 30 psf

1.18 Exp D 35 psf

1.19 **Overhang Vertical Pressure^c**

1.20 Exp B -40 psf

1.21 Exp C -48 psf

1.22 Exp D -56 psf

1.23 ^aValues are for ultimate wind design (V_{ult}). Multiply by 0.6 for allowable stress design
1.24 (ASD).

1.25 ^bFor vertical pressure, the above values are negative (upward).

- 2.1 'Negative values are upward.



OFFICE OF
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HEARINGS

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October 8, 2019

VIA EMAIL ONLY

Nancy Breems
Secretary of State, Elections Division
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**Re: *In the Matter of the Proposed Rules Relating to Chapter 1303 -
Minnesota Provisions of the State Building Code***
OAH 21-9001-35639; Revisor R-04521

Dear Ms. Breems:

Enclosed for filing is an electronic copy of the above-entitled adopted rules.

Please send the agency copy of the rules to:

Suzanne Todnem
General Counsel
Department of Labor and Industry
443 Lafayette Rd N
Saint Paul, MN 55155
suzanne.todnem@state.mn.us

If you have any questions regarding this matter, please contact Sheena Denny at (651) 361-7881, sheena.denny@state.mn.us or via facsimile at (651) 539-0310.

Sincerely,

Lisa Armstrong
Legal Assistant

Enclosures

cc: Suzanne Todnem (via email)