# 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

**Department of Labor and Industry**

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

## 1303.2200 SIMPLIFIED WIND LOADS.

*[For text of subpart 1, see Minnesota Rules]*

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

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

where:

$K_{zt}$ = Topographic factor as defined in Chapter 26 of ASCE 7.

$P_{alt}$ = Alternative simplified design wind pressure from Table $P_{alt}$.

**TABLE $P_{alt}$ [a]**

**Horizontal and Vertical Pressure[b]**

| | |
|---|---|
| Exp B | 25 psf |
| Exp C | 30 psf |
| Exp D | 35 psf |

**Overhang Vertical Pressure[c]**

| | |
|---|---|
| Exp B | -40 psf |
| Exp C | -48 psf |
| Exp D | -56 psf |

[a]Values are for ultimate wind design ($V_{ult}$). Multiply by 0.6 for allowable stress design (ASD).

[b]For vertical pressure, the above values are negative (upward).

°Negative values are upward.

MINNESOTA
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**VIA EMAIL ONLY**
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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

Lisa Armstrong
Legal Assistant

Enclosures
cc: Suzanne Todnem (via email)