

**From:** [Mason, Dave](#)  
**To:** [CBSC@DGS](#)  
**Cc:** [Enright, Lawrence@HCAI](#); [Travis R English](#); [Marvelli, Mia@HCAI](#); [Nelson, Ryan@HCAI](#); [Austin Barolin](#)  
**Subject:** Title 24, Part 4 - Edit to Section 407.5.1.5 - New Requirement 2025 OSHPD Amendments to 2025 California Mechanical Code  
**Date:** Monday, August 12, 2024 1:14:48 PM

---

**CAUTION:** This email originated from a NON-State email address. Do not click links or open attachments unless you are certain of the sender's authenticity.

#### 407.5.1.5

*407.5.1.5 NR spaces per Table 4-A for pressurization shall utilize a modulating damper in the r R return air controls shall be provided for each zone or zones system, floor or area with similar conditions.*

#### Recommendation:

This is prescriptive language. A more appropriate way to address VAV in the healthcare environment may be with performance-style language. Reference the language in ASHRAE 170. Section 7.1.a.1 which states: "If any form of variable-air-volume or load-shedding system is used for energy conservation, it shall not compromise the pressure balancing relationships or the minimum air changes required by the table." Combine this with the CMC Section 407.4.1.3, which prohibits using a corridor to transfer air, and you've got good performance language.

Thank you,

**Dave Mason PE**

Lead Mechanical Engineer

(775)813-2274

[dave.mason@stantec.com](mailto:dave.mason@stantec.com)

555 Capital Mall Suite 650  
Sacramento CA 95814-4583

5390 Kietzke Lane Suite 103  
Reno NV 89511-2302



The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.