

30.2

**Dean, Sue**

**From:** McMillan, Scott [smcmillan@city.pg.bc.ca]  
**Sent:** Friday, June 22, 2007 2:54 PM  
**To:** Regulation Review - External Queries (SM)  
**Cc:** Borgia, Ray; Gobbi, Norm; Logie, Joanne  
**Subject:** SPAM: Fume Hood regulations

Good day,

My name is Scott McMillan; I'm submitting this on behalf of the City of Prince George. I am the Health and Safety Advisor for the City, as such I represent the Employer.

I must comment on the proposed changes to Part 30, with respect to Laboratory Fume Hoods.

We would like to have clarified 30.8(2)(b, c, and d). In particular, (c) requires a face velocity of not less than 80% of the average face velocity at any point. We're not clear of on that statement. Section (b) requires face velocities between 0.4m/s and 0.6m/s. Is the "average" 0.5m/s? This would result in an instantaneous reading of 0.4m/s at any point. Thus it would seem that (c) and (d) are redundant, unless we're misinterpreting.

Based on my understanding, I would suggest removing (c) and (d) and changing (b) to read: "provide a face velocity between 0.4m/s and 0.6m/s at any point across its operational face opening."

Also, we find 30.9(1.3) confusing. We suggest replacing the percentage with a number to remove confusion. If my understanding is correct, the regulation is requiring those fume hoods with less than 0.36m/s to be immediately improved.

That is, 90% of 0.4m/s.

We also have two questions:

Does this regulation apply only to new installations, or to all fume hoods?

If it applies to older fume hoods, how can we achieve continuous monitoring of the face velocity? (as required by 30.9 (1.3) in the second paragraph).

agree with the need to ensure proper ventilation for fume hoods. The regulatory change should help to make this practical, so agree with it.

Thank you for the opportunity to discuss the proposed changes.

Regards,

**Scott McMillan**

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