Re: Respiratory volume per minute in workers

Bob Benson to: Lockey, James (lockeyje) 07/27/2010 12:56 PM

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When we use occupational studies to derive a Reference Concentration, we assume a worker will breathe 10 m3 in 8 hours (1.25 m3/hr). See the attached document, section 4.3.7.3, at page 4-66.

RFCMETHODOLOGY.PDF

There is a lot of information on breathing rates that has been compiled by EPA's Exposure Factors Program.

Go to http://cfpub.epa.gov/ncea
Under Quick Finder, choose Exposure Factors Program. There you can download the information

In the Aug 1997 version, the information on inhalation rates is in chapter 5
In the July 2009 Update, the information on inhalation rates is in chapter 6