

**4717.8400 EQUATION FOR CALCULATION OF HRVs FOR CARCINOGENS.**

Subpart 1. **Scope.** This part establishes the method for determining the health risk values (HRVs) for a carcinogen.

Subp. 2. **Equation for carcinogens.** The equation for determining the HRV for a carcinogen is:

$$\text{HRV} = \frac{\text{Additional lifetime risk}}{\text{Unit risk}}$$

Where:

- A. HRV is expressed in units of micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) of air;
- B. unit risk is expressed in units of micrograms of the chemical or defined mixture of chemicals per cubic meter of air; and
- C. additional lifetime risk is unitless.

**Statutory Authority:** *MS s 144.12*

**History:** *26 SR 1229*

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