Figure: 30 TAC §217.273(a)(1)

Equation K.2.

$$W_g = (T_A - T_{th}) \times F$$

Where:

T_A = Low ambient temperature, °F

T_{th} = Threshold temperature, °F

F = Withdrawal factor, pound/°F/day

W_g = Maximum gas withdrawal rate per cylinder, pound per day

Table K.2. - Threshold Temperatures and Withdrawal Rates for Chlorine and Sulfur Dioxide

Gas and Cylinder Size	Withdrawal Factor, (F) pound/°F/day	Threshold Temperature, (T_{th}) for Cylinder Mounted Vacuum Regulator, °F	Threshold Temperature, (T_{th}) for Manifold Systems at 10-15 psig pressure, °F
150 pound Chlorine Cylinder	1.0	0	10
1-ton Chlorine Cylinder	8.0	0	10
150 pound Sulfur Dioxide Cylinder	0.75	30	40
1-ton Sulfur Dioxide Cylinder	6.0	30	40

Values from the *Handbook of Chlorination*, Second Edition, White, Reinhold