$$GHG_{n-m,i} = \sum_{j=1}^{n} \left[ D_j \times t_j \right] \times MF_i \times \rho_i \times 0.001$$

Where:

$GHG_{n\text{-}m,i}$ = Annual emissions of greenhouse gas *i* attributable to high bleed pneumatic device venting, in metric tons;
n = Total number of high bleed pneumatic devices;
j = High bleed pneumatic device;
$D_j$ = Natural gas flow for pneumatic device *j*, determined in accordance with paragraph 2 of QC.29.4.1 or using Table 29-6 in QC.29.6 or calculated using equation 29-3.1, in cubic metres per hour at standard conditions;
$t_j$ = Annual operating time for pneumatic device *j*, in hours;
$MF_i$ = Molar fraction of greenhouse gas *i* in natural gas, determined in accordance with paragraph 3 of QC.29.4;
$\rho_i$ = Density of greenhouse gas *i* that is 1.893 kg per cubic metre for $CO_2$ and 0.690 kg per cubic metre for $CH_4$ at standard conditions;
0.001 = Conversion factor, kilograms to metric tons;
i = $CO_2$ or $CH_4$;