

$$GHG_j = (\Delta S_{INV} + S_{ACQ} - S_{SOLD} - \Delta S_{CAP})_j \times 0.001$$

Where:

GHG_j = Annual fugitive emissions of gas j , in metric tons;

ΔS_{INV} = Change in inventory of gas j stored in storage containers, other than electrical equipment, calculated in accordance with equation 24-2, in kilograms;

S_{ACQ} = Quantity of gas j acquired during the year, contained in electrical equipment or storage containers, calculated in accordance with equation 24-3, in kilograms;

S_{SOLD} = Quantity of gas j sold or transferred to other facilities or establishments during the year, contained in electrical equipment or storage containers, calculated in accordance with equation 24-4, in kilograms;

ΔS_{CAP} = Net increase in total nameplate capacity of equipment using gas j , calculated in accordance with equation 24-5, in kilograms;

0.001 = Conversion factor, kilograms to metric tons;

j = Type of gas;