

## Air Pollution from Volatile Metals and Acid Gases

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**Abstract :** Environmental pollution is at the heart of the debate today, the pollutants released into the atmosphere must be measured and reduced to the norms of international releases. The industries pollution is caused by emissions of SO<sub>2</sub>, CO and heavy metals in volatile form that must be quantified and monitored. This study presents a qualitative and quantitative analysis. However, the collection of volatile heavy metals were performed by active sampling using an isokinetic. SO<sub>2</sub> gas for the maximum is reached for a value of 343 mg / m<sup>3</sup>, the SO<sub>2</sub> concentration far exceeds the standard releases SO<sub>2</sub> followed by incineration industries in Algeria. the concentration of Cr exceeds 8 times the standard, the Pb concentration in the excess of 6 times, the concentration of Fe has reached very high values exceeding the standard 30 times, the Zn concentration in the excess of 5 times, and the Ni the excess of 4 times and finally that of Cu is almost double of the standard.

**Keywords :** SO<sub>2</sub>, CO, volatiles metals, active sampling isokinetic

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