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INTERNATIONAL WORKSHOP ADVANCES IN CLEANER PRODUCTION

“INTEGRATING CLEANER PRODUCTION INTO SUSTAINABILITY STRATEGIES”

Study of Vehicular Emission of Greenhouse Gases (GEE) in Gasoline-Powered Vehicles

*MELO JÚNIOR, A. S^{a.}; GATTI, L^{b.}; SEVEGNANI, F^{c.}; SATIE, I. ^{d.}; IZIDRO, J. ^{e.}; IANNUZZI, A. ^{f.}

a. Universidade de São Paulo (USP)/Universidade Paulista, São Paulo

b. Universidade de São Paulo/IPEN, São Paulo

c. Universidade Paulista, São Paulo

d. Universidade Paulista, São Paulo

e. Universidade Paulista, São Paulo

f. Universidade Paulista, São Paulo

**Corresponding author, juniorariston@gmail.com*

Abstract

Knowing the behavior of the emission of greenhouse gases (GHG) in the atmosphere is important due to global climate change and its consequences for ecosystems. Studies involving vehicular emissions are of great importance due to its role in GEE emissions. The aim of the research was to determine the emission of major greenhouse gases (CO₂, CH₄ and N₂O) in fleet vehicles powered by gasoline. For this, we studied two gasoline-powered vehicles of different years of manufacture. The tests were performed on the dynamometer CETESB and IPEN.

Keywords: GEE, gasolina, aquecimento global, vehicular emission.
