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Comparative Study Between the per Capita Generation of Solid Residues of two buildings - Lago and Caraíbas, Goiânia, Goiás

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Abstract

The objective of this study is to conduct a comparative research between horizontal and vertical buildings in middle-class condominiums in the city of Goiânia regarding their respective *per capita* residues by assessing the specific weight of solid residues in the location and indicating the factors of possible influence on their production. Using the collected data, we quantified the *per capita* generation of these residues in Condominium *do Lago* (Horizontal) as well as in *Caraíbas* Building (Vertical). The methodology employed in this study was divided into five stages: bibliographical review; definition of the area of research with technical visits; information; collection *in loco*, residue quartering. The results led to the conclusion that both buildings generate practically the same amount of residue; it is required to enable alternative destinations for urban solid residues as well as to develop effective and permanent programs for environmental awareness and improve the management of solid residues in the location.

Keywords: *Urban solid residues, gravimetric composition, quartering.*
