Life Cycle Assessment of Metalic Structures

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Abstract

A life cycle assessment is a method that helps to identify the magnitude of the environmental impact of a product within their chain of production and consumption. The results of this evaluation may be useful in designing strategies for more sustainable use of natural resources. This work studied the life cycle of steel structures of a company from São Paulo, Reccom Industrial Equipment during the ministry of matter Engineering Product Lifecycle, taught by Professor Aldo Roberto Ometto the University of São Paulo - Sao Carlos . It was found that the production of the same could be revisited is the realization of a project to minimize waste production, or through a system of reverse logistics or implementing actions CP (Cleaner Production), thus making more sustainable products.

Keywords: *life cycle assessment, environmental impact, case study, metallic structures*.