

GUIDELINES FOR THE FORMULATION OF INDIAN CODE OF PRACTICE FOR CONSTRUCTION AND DEMOLITION WASTES

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ABSTRACT

In context to India, the present approach of Architects and designers towards sustainability is focusing on creating green and environmentally friendly buildings, by various aspects like minimizing the use of energy, reducing carbon footprint, etc. It is necessary to understand that, every building has a confined age or living period. Here comes the contradiction to the sustainable concept. Is sustainability achieved in India, even after the death of buildings? If not, this scenario leads only to unsustainable or partial sustainable developments. In practical terms, finding a solution “with implementation” is the effective way to eradicate a problem. So, the entire research goes through the process of possible case studies, comparative estimations for the use of reused materials and new materials, study on techniques of recycling and reuse, study of Indian Standard building codes and the conclusion shall be of formulating a standard building code for reuse and recycle.

KEYWORDS: Construction and Demolition Wastes, Indian Standard Code, Guideline Formulation, Recycle, Reuse