

**CENTRE OF STUDIES FOR QUANTITY SURVEYING
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**THE IMPORTANCE OF EFFICIENT WASTE
MANAGEMENT OF BUILDING MATERIAL:
CONTRACTOR'S PERSPECTIVE**

Dissertation submitted in partial fulfilment of the requirement for
the award of Bachelor of Quantity Surveying (Honours)

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DECLARATION

“I declare that this dissertation is the result of my own research and that all sources
are acknowledged in the references”.

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ABSTRACT

Effective waste management practices are crucial for reducing the environmental impact of the construction industry and promoting sustainability. This dissertation focuses on the significance of efficient waste management of building materials from the perspective of contractors, who play a vital role in implementing sustainable practices on construction sites. The research methodology involves a comprehensive literature review and the administration of targeted questionnaire surveys to contractors in Ipoh, Perak, Malaysia. The data collected is analyzed using the Statistical Package for Social Sciences (SPSS) software. The findings reveal that design changes requested by clients are the primary cause of material waste in construction, with concrete, wood, metals, and plastics being the most commonly wasted materials. The study recommends the implementation of strict government laws, regular inspections, and penalties for non-compliance to deter illegal dumping and encourage proper waste management. The study also suggests the establishment of a public database of construction projects and their waste management plans to increase transparency and accountability. The research underscores the importance of efficient waste management practices in the construction industry and provides valuable insights for contractors, industry stakeholders, and policymakers to promote sustainable practices and reduce the environmental impact of construction activities.

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