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ANALYSIS OF FACTORS AFFECTING MATERIAL QUALITY ON CONSTRUCTION IN BATAM

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ABSTRACT

Following current developments, numerous constructions increase and provide high-quality products. Therefore, every company tries to produce effective products for consumers. In Batam city construction, building quality differences are often found due to several factors, one of which is the quality of the material which greatly influences the process of construction.

Applying good quality management of material is very useful for the evenness, efficiency, and effectiveness. From this, a construction project can ensure that the development is following the initial planning. This final thesis aim to find out the factors that influence the quality of the material and how to anticipate the constructions in Batam.

This study was conducted by distributing questionnaires to construction projects in Batam. The results obtained were tested for validity, reliability, and frequency testing. It resulted in an efficacy level of 95% and a reliability of 0.958. The most influential factor on the influence of the quality of construction materials was checking through the material inspection form with an average value of 4.3333.

Keywords : *Material quality, construction, validity, reliability.*