

## **ABSTRACT**

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*PT. Habco Primatama Construction Project, Beam Work Implementation Method  
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(XII + 44 + Attachment)

*PT. Habco Primatama is in the process of establishing a professional and business office center in the Kebon Jeruk area, West Jakarta, located at Jl. Panjang Arteri Kelapa Dua Raya No.17. With PT. Habco Primatama as the main investor and PT. Sumaraja Indah as the project contractor, this Rp 50 billion project is scheduled to be completed within 2024. Observations on-site are primarily focused on the construction of the superstructure, particularly the beam fabrication. The construction sequence involves several method, including measurement and formwork installation, inspection and installation of reinforcement bars, followed by concrete pouring, formwork dismantling, and concrete curing. High-quality K 350 standard concrete is used to maintain the structural integrity. The total calculated volume of concrete required for the 3rd floor of Zone 2 in Tower B is 34,173 m<sup>3</sup>. Considering this volume, it is estimated that at least 5 mixer trucks with a capacity of 7 m<sup>3</sup> each will be needed to handle the concrete pouring work.*

*Keywords: Beam, Method, Volume*