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BARRIERS IN IMPLEMENTING THE IBS FORMWORK SYSTEMS IN MALAYSIAN CONSTRUCTION INDUSTRY

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SUPERVISOR'S DECLARATION

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"I hereby that satisfied read this report and from my opinion it has fulfilled all the requirement and it qualified for the purpose of conferment of Bachelor of Building Surveying"

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ABSTRACT

Construction stakeholders all around the world currently moving towards the sustainability construction. Malaysia, as a one of the developed country also moving towards its. Therefore, the Government have initiated many plan and initiatives such as Construction Industry Master Plan, Construction Industry Transformation Plan as well as IBS Roadmap. Each of this plan have their own strategic thrust, and all of their strategic thrust does include sustainable issues. In the context of IBS Roadmap, there are currently six main type of IBS and one of it are IBS Formwork Systems. Although the IBS formwork systems is the newest among the other IBS type that introduced in Malaysian Construction Industry, the IBS formwork systems too does promote sustainable construction. Although the IBS formwork systems introduced in the early of the 20th century in Malaysian Construction Industry, the adoption of the IBS formwork systems in the construction projects are still below average. Therefore, this study include the identification of the barriers in implementing the IBS formwork systems in order to identify the factors that causing the lack of IBS formwork systems adoption. This study also include the identification of the benefits in implementing IBS formwork systems as well as the relationship of building performance and quality of life in implementing IBS formwork systems in order to identify the factors that may leads to the increment of the IBS formwork systems' implementation in Malaysian Construction Industry.

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