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**CONTRACTOR ACCEPTANCE ON INDUSTRIALISED  
BUILDING SYSTEM (IBS) IN CONSTRUCTION  
INDUSTRY**

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## **ABSTRACT**

This literature indicates that research efforts have been directed rather towards increasing acceptance of the contractor on the use Industrialized Building System (IBS) technology. However, the issues arise how many contractors willingly accept using IBS methods in construction industry. Does this come from the construction of the capital, knowledge, or still want to continue the construction of the conventional method. This academic reports the survey of construction companies and Industrial Building Systems (IBS) in accordance with Class G1, G2, G3, G4, G5, G6 and G7. The main objective is to present and analyzed a level of acceptance to contractors in Industrial Building System in Selangor and Kuala Lumpur.

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## INTRODUCTION

This chapter comprises of study background, problem statement, research objectives, significance of study, and scope of study.

### 1.1 BACKGROUND OF STUDY

The construction industry is one of the most dynamic, risky, challenging and rewarding fields. It involves numerous uncertainties and widely associated with a high degree of risk due to the nature of construction business activities, processes, environment and organization.

Industrialized Building System (IBS) is a construction system that is built using pre-fabricated components. An important reason why this study is interested in IBS and its adoption in the building constructions is the fact that the manufacturing of the components is systematically done using machine, formworks and other forms of mechanical equipment. The components are manufactured offsite and once completed will be delivered to construction sites for assembly and erection.

According to Warszawski, 1999, IBS is defined as a set of element or component which is inter related towards helping the implementation of construction work activities. He also expanded an industrialization process is an investment in equipment, facilities, and technology with the objective of maximizing production output, minimizing labour resource, and improving quality while a building system is defined as a set of interconnected element that joint together to enable the designated performance of a building. Therefore the use of IBS is seen as 'highly influential' building factors in construction industries.