

Study Visit To Gamuda IBS Factory

Selangor, Selangor

Thursday 24th January 2019

MBAM/O/01/19

INTRODUCTION

Gamuda IBS – Optimising Efficiency

Gamuda is at the forefront with Malaysia's first automated robotic Industrialised Building System facility. Gamuda IBS optimises efficiency through reduced construction timelines and reliance on manpower. Quality is also enhanced as all elements are completed in a factory-controlled environment. The building elements are then installed on site in a Lego-like fashion, which reduces wastage and translates to lesser workers on site, which in turn increases safety levels.

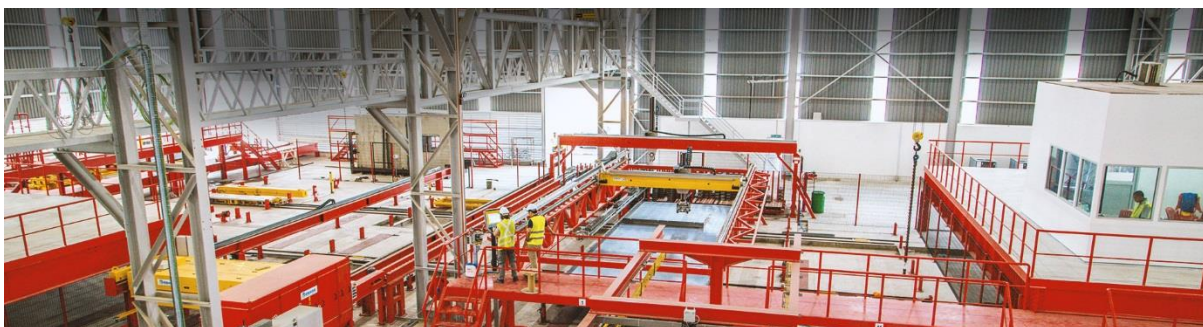
More importantly, with Gamuda IBS, development can be customised to the needs of customer.

Gamuda Industrialised Building System (Gamuda IBS) that housed within a factory is located at a 7ha plot in Sepang's Tanjung Industrial Park. It is the country's first fully automated robotic IBS factory that boasts superior technology capable of customizing property products to individual specifications.

Gamuda IBS in Sepang currently has the capacity to produce 3,000 apartment units per year. Gamuda Bhd is also building a second IBS factory in Banting which is expected to be ready by end of 2018. Both Gamuda IBS plants will have the capacity to produce 8,000 apartment units per year.

Gamuda IBS plant, uses modern IBS technology, such as Building Information Modelling (BIM), Common Data Environment (CDE), and Robotic Machine Operations, insulation of panels and construction using IBS. BIM is used to customize design using 3D software while the CDE facilitates the sharing of information for multi-stakeholder use on a single digital platform, which allows customized designs without having to invest in a new set of moulds for every new project. This enabled the roll out from design to construction quickly as each cast is formed individually by the robots.

The IBS building elements are installed in Lego-like fashion, which reduces wastage and translates to lesser workers on site, which in turn increases safety levels.





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Sepang, Selangor

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ITINERARY

Date	Thursday, 24 th January 2019
Duration	9.30 AM - 12.30 PM
Venue	Gamuda Industrial Building System Sdn Bhd No. 2, Persiaran Tanjung Kawasan Perindustrian Tanjung, 43900 Sepang Selangor. https://goo.gl/maps/9MB8xiYqTUB2

- Gentlemen attire: Shoes, long pants, collared t-shirt.
- Ladies attire: Closed-toe & low-heeled shoes, long pants, and short- or long-sleeved tops.
- No slippers, sandals and high heels footwear are allowed.
- All the participant must adhere to all safety instructions given by the officer's in charge and safety signage's whilst in the factory compound.

9.30 AM	Registration & Arrival of Participants Welcome Coffee & Tea
10.00 AM	Opening Remark by MBAM Welcome Remark by GIBS Presentation & Briefing Study Visit to Gamuda IBS Factory Q&A Session Presentation of Souvenir from MBAM
12.00 PM	Lunch
1.00 PM	End of Visit

- The Organiser reserves the right to alter the content and timing of the programme in the best interest of the training and is not responsible for cancellations due to unforeseen circumstances.
- MBAM accepts no responsibility for statements made orally or in written materials distributed by any sponsor at the training and visit.