

## **Educational Tour by College Vocational Bintulu in Medium Density Fiberboard Industry, Daiken Sarawak Sdn Bhd (DSK), Bintulu Sarawak**

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Daiken Sarawak Sdn Bhd warmly welcome College Vocational students and teachers for educational tours on 19<sup>th</sup> September and 26<sup>th</sup> September 2017.



Figure 1 : College Vocational Bintulu visiting Daiken Sarawak Sdn Bhd on 19<sup>th</sup> September 2017

History was created where DSK receiving approximately 200 students and educators for the purpose of educational manufacturing tours in a week. As to continuously aware and support nearby community, DSK take this challenge to provide students and teachers with the opportunity to have their eyes opened to the exciting and lucrative world of medium density fiberboard manufacturing industry. DSK believed it serve the purpose of Corporate Social Responsibility (CSR) policy to the community besides commitment in creating awareness and promoting positive impact to environment.



Figure 2 : College Vocational Bintulu visiting Daiken Sarawak Sdn Bhd on 26<sup>th</sup> September 2017

Objectives of educational tours are includes to transfer knowledge besides increase awareness of what MDF industry roles, impact and offers to communities. Furthermore, to contribute as a place of learning and to educating students and teachers for deeper understanding of today's manufacturing industry.

College Vocational Bintulu are National Technical College located at KM 12, Tanjung Kidurong Bintulu Road, near to Sungai Sebatang with land size 52.8 acres. The distance from DSK MDF factory are 3.7 Kilometres away by road. This tour involve a final year students in their Year 4 (semester 8) from Industries Machineries, Technology of Construction, Technology of Automotive, Technology of Welding, Technology Electric and Technology of Electronic.

 <p>A group of students in orange safety vests and white hard hats posing in front of a blue target board. The board lists 2017 targets: 1. ZERO LOST TIME INJURY, 2. COMMITTED TO 5S + SMILE ACTIVITIES, 3. XM/TM MONTHLY VOLUME: ≥ 5,800 M³, 4. CLAIM RATIO: ≤ 0.25%, 5. COST DOWN PROJECTS: RM 1,000,000. A yellow smiley face logo is visible in the top right corner of the board.</p>	 <p>A group of students in orange safety vests and white hard hats posing in front of a blue target board. The board lists 2017 targets: 1. ZERO LOST TIME INJURY, 2. COMMITTED TO 5S + SMILE ACTIVITIES, 3. XM/TM MONTHLY VOLUME: ≥ 5,800 M³, 4. CLAIM RATIO: ≤ 0.25%, 5. COST DOWN PROJECTS: RM 1,000,000. A yellow smiley face logo is visible in the top right corner of the board.</p>
<p>Group 1(a) :Technology of Electric</p>	<p>Group 1 (b) : Industry Machineries</p>
 <p>A group of students in orange safety vests and white hard hats posing in front of a blue target board. The board lists 2017 targets: 2. COMMITTED TO 5S + SMILE ACTIVITIES, 3. XM/TM MONTHLY VOLUME: ≥ 5,800 M³, 4. CLAIM RATIO: ≤ 0.25%, 5. COST DOWN PROJECTS: RM 1,000,000.</p>	 <p>A group of students in orange safety vests and white hard hats posing in front of a blue target board. The board lists 2017 targets: 1. ZERO LOST TIME INJURY, 2. COMMITTED TO 5S + SMILE ACTIVITIES, 3. XM/TM MONTHLY VOLUME: ≥ 5,800 M³, 4. CLAIM RATIO: ≤ 0.25%, 5. COST DOWN PROJECTS: RM 1,000,000. A yellow smiley face logo is visible in the top right corner of the board. A date stamp '25.09.2017' is visible in the bottom right corner of the photo.</p>
<p>Group 1 (C) : Technology of Welding</p>	<p>Group 2 (a) : Technology of Electronic</p>
 <p>A group of students in orange safety vests and white hard hats posing in front of a blue target board. The board lists 2017 targets: 1. ZERO LOST TIME INJURY, 2. COMMITTED TO 5S + SMILE ACTIVITIES, 3. XM/TM MONTHLY VOLUME: ≥ 5,800 M³, 4. CLAIM RATIO: ≤ 0.25%, 5. COST DOWN PROJECTS: RM 1,000,000. A yellow smiley face logo is visible in the top right corner of the board. A date stamp '25.09.2017' is visible in the bottom right corner of the photo.</p>	 <p>A group of students in orange safety vests and white hard hats posing in front of a blue target board. The board lists 2017 targets: 1. ZERO LOST TIME INJURY, 2. COMMITTED TO 5S + SMILE ACTIVITIES, 3. XM/TM MONTHLY VOLUME: ≥ 5,800 M³, 4. CLAIM RATIO: ≤ 0.25%, 5. COST DOWN PROJECTS: RM 1,000,000. A yellow smiley face logo is visible in the top right corner of the board. A date stamp '25.09.2017' is visible in the bottom right corner of the photo.</p>
<p>Group 2 (b) : Technology of Construction</p>	<p>Group 3 (c) : Technology of Automotive</p>



Bus provided by DSK arrived at MDF factory at 8.30 am. Students and teachers are welcome by Managing Director, Mr. Takahisa Honda, Operation Manager, Mr. Edward Lim, and others staff in charge. However, on 26<sup>th</sup> September 2017, Oversea Division Head, Mr. Takeshi Nagata had joined together to welcome the student and teachers. Upon their arrival, students and teachers were given a welcoming gifts such as caps, notepad and pens for their used during the tour. The gift was presented by Mr. Takahisa Honda and Mr. Takeshi Nagata.



Caps and note pads as a souvenir for them. Before start the tour, Mdm Lydia briefing a simple safety rules with vocational students.



Gift presented by Mr. Takahisa Honda on 19 September 2017



Gift presented by Mr. Takeshi Nagata on 26 September 2017

Factory tour was divided into 3 groups led by Managers and assist by Executives and Engineers from various department. Students and teachers were gather inside factory conference room for introduction, briefing and welcoming speech by Deputy Factory Manager, Mr. Lim Choon Kui. He stressed that, this is a great opportunity for both organization to get know each other as a neighborhood. He also hoped that this educational tour will be great experienced and memorable to students and teachers.



After a great welcome from Deputy Factory Manager, briefing was done by Safety, Health and Environmental office representative. Brief explanation was share together with Safety Video for better understanding and alert during their factory tour. Thereafter, students and teachers was given an opportunity to watch the video of MDF making process, type of product and plantation in Daiken Sarawak Sdn Bhd. Besides to increase their knowledge on MDF industry, sample of chip, fiber, board and flooring was displayed inside the room.





While first group was inside the factory conference room, second and third group was being educate on 5S practices in DSK. 5S information and implementation was share by Managers in charge of each group inside canteen. The students and teachers were actively and excitedly asking a question on 5S as they found the information and way of implementation is new to them.



As an approach to help them to understand the curriculum subject they have learn in college, tour had been divided according to their courses. Every groups of the students had been given a moment to visit specific area related to their studies which are identified available in DSK. Besides, this may enable educators to integrate easily from this tour experiences into their workshop curriculum studies. However, as in general, tour was started from Chip Yard. Students and teachers capable to see the raw materials of fiber making besides activities going on in chip yard area.



Students and teachers continue touring from forming line to sanding line and end up at product warehouse. However, every stop point, briefing, question and answer are continuously carry out between DSK's staff and the students. Student enjoyed learning and sightseeing different types of machines operated in DSK plant from each process and how the products were made.



Towards the end of the programme, every groups are given an opportunity once again to question the staff before they fill up the feedback form inside factory conference room. Students and teachers are surveyed after the tours so data can be gathered to discover what the students experienced from their own point of view and to help streamline and improve tours in the future. Even though the students look tired, however, their face shown their satisfactory on this tour. Before leaving DSK, students and teachers had been served with Kentucky Fried Chicken foods and Drinks



Finally, DSK hope that this educational tour arranged may provide students an opportunity to see real life examples of what they have learned in their theory into actual practice in manufacturing facility and specifically in Medium Density Fibreboard.