



UNIVERSITI
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MARA



FACULTY OF PLANTATION AND AGROTECHNOLOGY

DIPLOMA IN PLANTING INDUSTRY MANAGEMENT

UNIVERSITI TEKNOLOGI MARA

SARAWAK



AGR 390

INDUSTRIAL TRAINING

SOLID PALM OIL COMPANY

TAWAKAL MEGAH SDN BHD (DIVISION 01)

TAWAKAL MEGAH SDN BHD, KM100 SUAI @ BINTULU- MIRI COASTAL ROAD

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ACKNOWLEDGEMENT

The subject AGR390 Industrial Training must be taken by all students of MARA University of Technology (UiTM) in order to ensure that the students are able to obtain knowledge and exposures in the field of practical as well as to introduce some of the basic techniques and tools that can be used by future executive office in managing their estate .Therefore, all semester 6 student of Diploma in Planting Industry and Management are required to do a report and submit it to the Faculty Representative or to the lecturers in charge after we have done our industrial training.

First of all, I would like to thank God for all of His blessings. Without His blessings and consents, I will not be able to complete this industrial training report in the given duration. Gratefully, I able to complete everything starting from first to the last of our training despite facing a lot of challenges and barriers in which we as a human cannot run from it .I dedicated my greatest appreciations and thankfulness to Mr. Muhamad Syukrie bin Abu Talip, Faculty Representative (Industrial Training). for all the guidance throughout preparing for this industrial training report. Before I went for my training, he managed to share some advices and tips to all practical students for us to experience and learn a lot of knowledge at our training place more effectively. With his experiences, he told us what to do and not to be done during our training so that problems can be avoided and he never stingy with his knowledge's. And of course, without his help, I would not be able to complete my report successfully.

Next, I also would like to express our thankfulness to my families for their time and sacrifices because they managed to bring me to my training place safely. My family also always support in what I am doing especially to my carrier to become a dedicated planters in the future. This makes me more excited to have my practical training and look for a job in agriculture sectors one day. Also not to mention to my friends and fellow course mate, who always be my side and sharing ideas and morale support given throughout the preparation of this industrial training report. Besides that, I would like to express my gratefulness and appreciations to all managers, executives, staffs and workers of Tawakal Megah Sendirian Berhad for giving unstoppable cooperation to me. They never refused to answer every single of my questions whenever I asked them in which I really thank for that. Because of their generousness and cooperation, I managed to collect data and information that I needed for me to complete my industrial training report. Without them, I could not finish my report on time.

Last but not least, again I want to say thank you to all people who helped me for my practical training and in completing this report. I also want to say thank you the divisional manager of Tawakal Megah Sdn Bhd Estate 01 for giving me a chance to learn new knowledge about coconut planting and made me involved at the coconut planting site as well in order to allow me to experience the initial coconut planting activities. To be honest, I was a little bit afraid at first due to I was alone having my practical training without any student at my training place. Eventually, I able to adapt with the situations at my training place and do many things with my own. Now, I know the real meaning of what we called difficulties and challenges and how we able to handle the situations. Hopefully all the efforts spent on this report will worth all the sweat.

TAWAKAL MEGAH SDN BHD

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BACKGROUND OF SOLID OIL PALM PLANTATIONS SDN BHD

Solid Oil Palm Plantation Sdn Bhd was founded in 2001, about 16 years ago. This private company is a mid-sized organization in the crop planting and protection companies industry and was located at 2nd floor in Sibul, Sarawak, 96000 Malaysia.

Solid Oil Palm Plantations Sdn Bhd employs 100 people. In Sibul, an average company has between 6 and 289 employees, meaning that Solid Oil Palm Plantations Sdn Bhd employs a typical amount of people. The company generates \$132 in estimated sales.

Solid Oil Palm Plantation Sdn Bhd has established three oil palm estates which are Tawakal Megah Estate 01, Tawakal Megah Estate 02 and Talam Indah Estate. Among these three estates, Tawakal Megah Estate 01 has the largest planted hectare which is 2622.70 total hectare. For Tawakal Megah estate 01 which where I conduct my practical training, it has about 1715 total hectare which makes this estate become second largest estate for this company. Lastly, the smallest estate for this company is Talam Indah Estate which has about 1576.60 total planted hectare.

CONCLUSION

In conclusion, I learnt a lot of knowledge for both oil palm plantation and coconut plantation at Tawakal Megah Estate. I was really appreciate and grateful for all the helps and advise s given by the Tawakal Megah's communities in which can help to be success as a planter's life in the future. I also learned about their organization chart, annual operation programs, maps and so on. This company has different management system and standard of procedure if compared to other companies which makes it special than other companies. One of the specialty of this company is they have conducted coconut plantation project started from last year apart of planting of oil palm tree.

For oil palm plantation, it is compulsory for me to learn about the operation in the field areas a practical student. One of the most important operation in the estate is harvesting. Harvesting operation is basically required in the estate as it is important for every oil palm plantation to harvest the fresh fruit bunches (FFB) . loading FFB and deliver it to the mil for grading before it will undergo processing. I also learned about the variety of oil palm and types of bunches instead get a few knowledge about harvesting interval and black bunch census.

Next, I had gain some valuable knowledge about the field upkeep and maintenance especially oil palm plantation at peat soil area. Field upkeep and maintenance are vital operation in the oil palm plantation as it will help to produce good and high quality of fresh fruit bunches and oil extraction rate. These are few operation that can be found in field upkeep and maintenance such as fertilizer management, pest and disease, canopy management and spraying programme.

For coconut plantation project, there is no much difference between coconut cultivation and oil palm cultivation at peat area. The differences are only in term of planting distance and chemical fertilizer application used. For example, the canopy and growth space of the coconut palm is smaller than oil palm tree; therefore a small planting distance was used by this company. The coconut seedlings required less chemical fertilizer application at this initial stage because it might cause toxicity to the seedlings and to practice environment friendly as well. Other than that, a large number of manpower was needed for this initial stage coconut cultivation in which a lot of works have to be conducted in order to maintain the successfulness of this project. The examples of works are such as lining, planting of coconut, holing, manuring, weeding, pest and disease and so on. In a nutshell, I feel appreciated and grateful to be part of this project in which I can learn a lot of new knowledge especially the procedures to carry out land preparation at the beginning. I hope this coconut project will run smoothly from time to time until the end and also hope that this company will keep success in this plantation industry.