



اَوْنَبُوْا سَيِّئَاتِيْ تَيَكُوْلُوْا مِنِّيْ مَبَارَا
**UNIVERSITI
TEKNOLOGI
MARA**



AGR 390 INDUSTRIAL TRAINING

PALMLYN SDN.BHD [BALINGIAN ESTATE]

MUHAMMAD BIN ABDULLAH
2014826906



LECTURER : MR. MUHAMMAD SYUKRIE BIN HAJI ABU TALIP

TABLE OF CONTENT

NO.	CONTENT	PAGE
1.0	PERSONAL DETAIL TRAINING	2
2.0	ACKNOWLEDGEMENT & INTRODUCTION OF INDUSTRIAL	3-4
3.0	HISTORY & BACKGROUND OF SUBUR TIASA AND PALMLYN ESTATE ❖ PALMLYN ORGANIZATION CHART ❖ PHASE 3A ORGANIZATION	5-11
4.0	INTRODUCTION TO PEAT SOIL	12-17
5.0	SAFETY AND STANDARD OPERATION PROCEDURES (SOP)	18-20
6.0	HARVESTING OPERATION	21-33
7.0	MAINTENANCE ACTICITIES ❖ MANURING ❖ EFB MULCHING ❖ CIRCLE AND PATH SPRAYING (CPS) ❖ SLASHING ❖ ROADSIDE PRUNING ❖ MAINTENANCE PRUNING	34-47
8.0	PEST AND DISEASE MANAGEMENT	48-63
9.0	CONCLUSION	64-65
10.0	ADDITIONAL INFORMATION/APPENDIX PAPERWORK & ETC	66-70

2.0 ACKNOWLEDGEMENTS

In the name of Allah S.W.T. First of all, I would like to express my sense of gratitude to Allah for blessing instead of giving me strength and guidance to complete this internship programme until the end. Every success that had been achieved by me is all come from Allah and by helps of people around me. So that's why I want to give my thanks to all persons that responsible in helping me to complete this internship programme especially to the Palmlyn Sdn Bhd company for the willingness to accept us to attend our internship programme in this company.

On 14 December 2016, I have started my industrial training at Palmlyn Sdn Bhd estate at Balingian and ended on 17 March 2016. I have learned a lot of things in 3 months of industrial training of period. Anyways, I would like to give my thanks to my father and mother, Mr Abdullah and Mrs Phoorila for their endless moral support and also financial support.

Next, I would like to express my deepest appreciation to all those who provided me the possibility to complete this report. A special gratitude I give to my supervisor from Universiti Teknologi Mara (UiTM) Sarawak also as my lecturer, Mr Muhammad Syukrie Bin Haji Abu Talip, whose contribution in stimulating suggestions and encouragement, helped me to coordinate my industrial training especially in writing this report.

Furthermore, special thanks to Mr. Ling Kuok Hong as a Operation Manager, Mr. Alex Yui Toh Ngie as a Plantation Controller, Mr. Nasib as a Labour Controller, my assistant manager Mr. Roy ak Awang and Mr. Sawing ak Unyat, my field supervisor Mr. Stanlly Linear Kong, my senior field conductor Mr. William and my ex asst. field conductor Mr. Franky Galau for giving me an opportunity and their effort in guiding me as a fresh trainee to complete this Internship programme until the end. From this internship, I have experience so many things about the actual field training in Oil Palm Plantation and I realize that the actual work in the field is more challenging and it let me to apply what I had learn in my courses before which is in Diploma in Plantation Industry Management. I will not forget all of your kindness and enthusiasm in letting me know that I was the one lucky enough to get the chance to work pleasantly and get beneficial internship with this big company.

During these 3 months as a trainee, I am exposed to many excellent experiences which are very meaningful and valuable for me to learn and carry out when I face the real world of working in the future. In this period, I have learned to work as a team and learned how to communicate with community who came from differences ages and life background.

Last but not least, once again thanks to my family and my fellowships trainees for support at the same time giving me a great motivation and advice throughout this internship programme. Thank you very much.

2.1 INTRODUCTION OF INDUSTRIAL TRAINING

Industrial training is a medium where the students will be introduced to the real situation in the plantations besides to give exposure and experience to the students about the real situation in the fields so that the students will be ready in term of their mentally and physically. The students will be sent to an estate so that they know how the real situation looks like. Actually, this is also for early preparation for students before they start working at any company in future. Industrial training is a prerequisite to the award of Diploma students In Planting Industry Management, Universiti Teknologi Mara (UiTM). I was following industrial training for three months, starting from 14 December 2016 until 17 March 2017 at Palmlyn Estate Sdn Bhd.



3.0 HISTORY OF SUBUR TIASA

In 1988, Tan Sri Datuk Sir Tiong Hiew King founded Subur Tiasa Plywood in Sibu, Sarawak with an initial paid up capital of RM125.7 million. Two decades later, after weathering through the storms sparked by its humble beginnings, Subur Tiasa has successfully established itself as Malaysia's leading manufacturer and exporter of integrated forest products that have received global awards therein realising the visio. During its founding years from 1988 to 1994, Subur Tiasa first located its niche in plywood and veneer manufacturing and exports before venturing into sawn timber and laminating board manufacturing. This period also saw sawmills and a power generating plant set up in Tanjung Manis Timber processing zone.

Plywood and sawn timber production still serve to anchor the company's principal activities until today. The period from 1995 to 2000 was an era of accelerated growth for Subur Tiasa after its subsidiary, Subur Tiasa Particleboard Sdn. Bhd. Was officiated in 1994. With its particleboard business and upstream logging activities taking off, the crowning success then arrived when Subur Tiasa was listed on the Main Market of Bursa Malaysia Securities Berhad in 1997. In 2001, Subur Tiasa continued to raise its game and underwent enormous expansion, participating and investing in tree planting and reforestation projects. Subur Tiasa is a firm believer of eco-balance such that they ensure their reforestation projects compensates for their logging practices by 30 times. Maximising the usage of natural resources has since become Subur Tiasa's core mission.

From then on, Subur Tiasa has gone from strength to strength. On top of manufacturing and exporting its core forest products, the company has further diversified its operations to include investments holdings, extraction and sales of logs, finger joint moulding, power generation, reforestation, cultivation of oil palm, marine transportation and property development. In Standard and Poor's comprehensive report on Malaysia and the 25 top stocks it is anticipating to outperform the market in 2010, Subur Tiasa was conferred and honourable 23rd position.

Based on reported on 2010, Subur Tiasa has has diversified geographical markets for its timber products and is significantly less dependent on the weak Japanese housing market than other large Malaysian timber companies. Its logging division is expected to perform well with continued robust demand from India while its maturing palm oil plantation will provide another source of recurring earnings.