

Name : **TEH POH LENG**
Address : **35, Jln Tasek 10, Bandar Seri Alam, 81750 Masai, Johor, Malaysia.**
E-mail : **seanteh78@hotmail.com**
Phone : **012-7251817**
University : **Technology University of Malaysia (UTM)**
Studied : **Chemical-Gas Engineering**
Grade : **1st Class Honors (CGPA: 3.80)**
D.O.B : **20 May 1978**
Gender : **Male**



2 Years as Process Engineer (Cracker) in Titan Chemicals (2002-2004)

In the Crackers operation from naphtha to olefins, I monitored and optimized process units in order to maximize operation margin. As a process engineer, I was focusing in feedstock evaluation and naphtha cracking. The feedstock for a cracker could be of gas or liquid hydrocarbon (naphtha from oil refinery). Naphtha is the main feedstock in Titan Chemicals (Titan) and also the main factor of production cost. Equipped with engineering tools like PIMS and SPYRO, I carried out economic evaluation on potential naphtha in the market to ensure the most yield value naphtha being cracked in Titan.

Naphtha is being cracked in furnaces at elevated temperature and low pressure to produce a range of hydrocarbon products from lightest of hydrogen to heaviest of fuel oil. I support the operation team in optimizing the cracking severity to obtain the highest yield value products. Different grade of naphtha need different cracking severity (temperature) for maximum olefins yield. By using SPYRO simulator, I will suggest the optimum cracking mode to operation team for each type of naphtha.

Every chemical plant need to be de-bottlenecked to achieve the organization expansion plan. Titan has de-bottlenecked the ethylene and propylene units which I was one of the team member. I spend about half my time supporting the olefins operation and work together with operations, reliability and maintenance staff.

2 Years as Production Engineer (Cracker & BTX Plants) in Titan Chemicals (2004-Current)

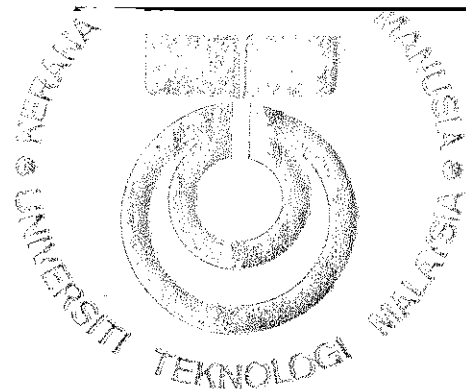
I work closely with production superintendents to make sure that the ethylene and aromatics plants are running smoothly with minima unplanned downtime to achieve higher capacity utilization.

I collaborate with Planning Engineers to prepare a smooth production schedule to prevent any feedstock insufficient or shipment demurrage. Optimization & trouble-shooting of unit operations is carried with process engineers.

I also provide involved during a 'turnaround'. This is a key time in the petrochemical plant where a lot of equipment and machinery is shutdown and is overhauled and inspected. I look after the cracker, particularly the loading and unloading of the catalyst - what to load, how much, is it loaded properly?

Future Career Plan

I'm looking forward for chances to further develop my talents and stretch my potential. Challenging working atmosphere is my search to develop my technical strength.



UNIVERSITI TEKNOLOGI MALAYSIA

BAHAWASANYA SENAT TELAH MENGANUGERAHKAN

IJAZAH

SARJANA MUDA KEJURUTERAAN

(KIMIA - GAS)

DENGAN KEPUJIAN KELAS PERTAMA

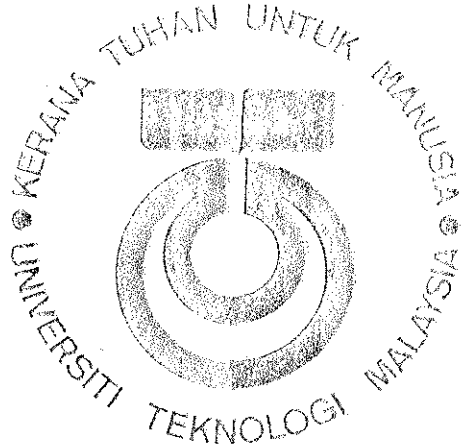
KEPADA

TEH POH LENG

NAIB CANSELOR

PENDAFTAR





UNIVERSITI TEKNOLOGI MALAYSIA

THE SENATE HAS CONFERRED UPON

TEH POH LENG

THE DEGREE OF

BACHELOR OF ENGINEERING
(CHEMICAL - GAS)
WITH FIRST CLASS HONOURS

CERTIFIED TRANSLATION:


DEPUTY REGISTRAR (ACADEMIC)

JULY 28, 2001

(Signed)
VICE-CHANCELLOR

(Signed)
REGISTRAR

(Signed)
DEAN,
FACULTY OF CHEMICAL AND NATURAL RESOURCES ENGINEERING



Sekalung Tahniah

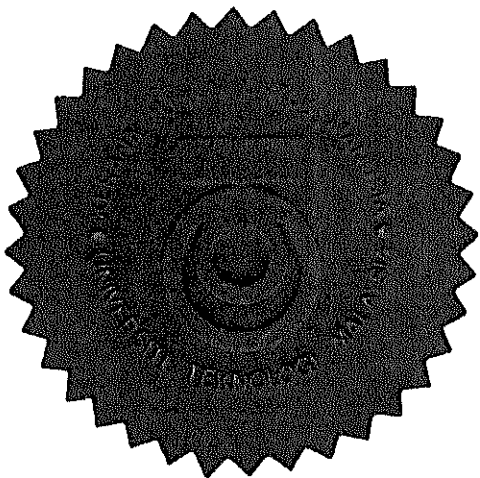
**Setinggi-tinggi tahniah dan
ucapan selamat maju jaya kepada**

Teh Poh Leng

**kerana terpilih sebagai
pemenang Hadiah Pelajar Terbaik bagi kursus
Sarjana Muda Kejuruteraan (Kimia-Gas)**

di Majlis Konvokesyen

Universiti Teknologi Malaysia Ke-27, 2001



**Naib Canselor
Universiti Teknologi Malaysia**

Réf No: MA/12180/HSB
03 May 1996

Mr Teh Poh Leng
1714 Kampung Baru
14000 Bukit Mertajam

Dear Mr Teh

Congratulations! We have marked your IQ test and find that according to this evidence your intelligence quotient on the Cattell Scale appears to be 156, which is higher than 99 per cent of the world population. We have pleasure therefore, in offering you membership with Malaysia Mensa. Enclosed is an application for membership form.

We look forward to receiving your membership form duly filled and signed together with your annual subscription for RM40.00. If you are below the age of 18 on 01 January of subscription year, you need only pay RM25.00. Please remit your subscription fee by cheque or money order in favour of Malaysian Mensa Society.

We hope to hear from you soon and wish you a happy association with Mensa.

Thank you.

Yours sincerely
MALAYSIAN MENSA SOCIETY



GOH CHING MIN
National Testing Officer

GCM/ak

Golden Key National Honour Society

To Whom These Letters May Come

Greetings

This Certifies That

Teh Poh Leng

In Recognition of Outstanding Scholastic Achievement and Excellence, has
been granted membership in the Golden Key National Honour Society
and is hereby granted all the Rights, Honours, and Privileges
pertaining to the Society at
Universiti Teknologi Malaysia

Joan K. Nelson
Council President

Ron Dawson
Council Vice-President



Julia Anderson
Council Secretary

James W. Lwin
Executive Director



Certificate of Achievement

Presented to

Teh Poh Leng

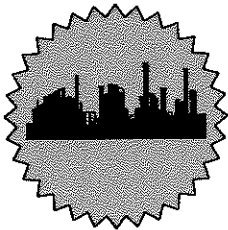
In recognition of completion of the

“Ethylene Furnace Training Course for Process/Plant Engineers”

Jeju, Korea

April 12-14, 2005

ABB Lummus Global

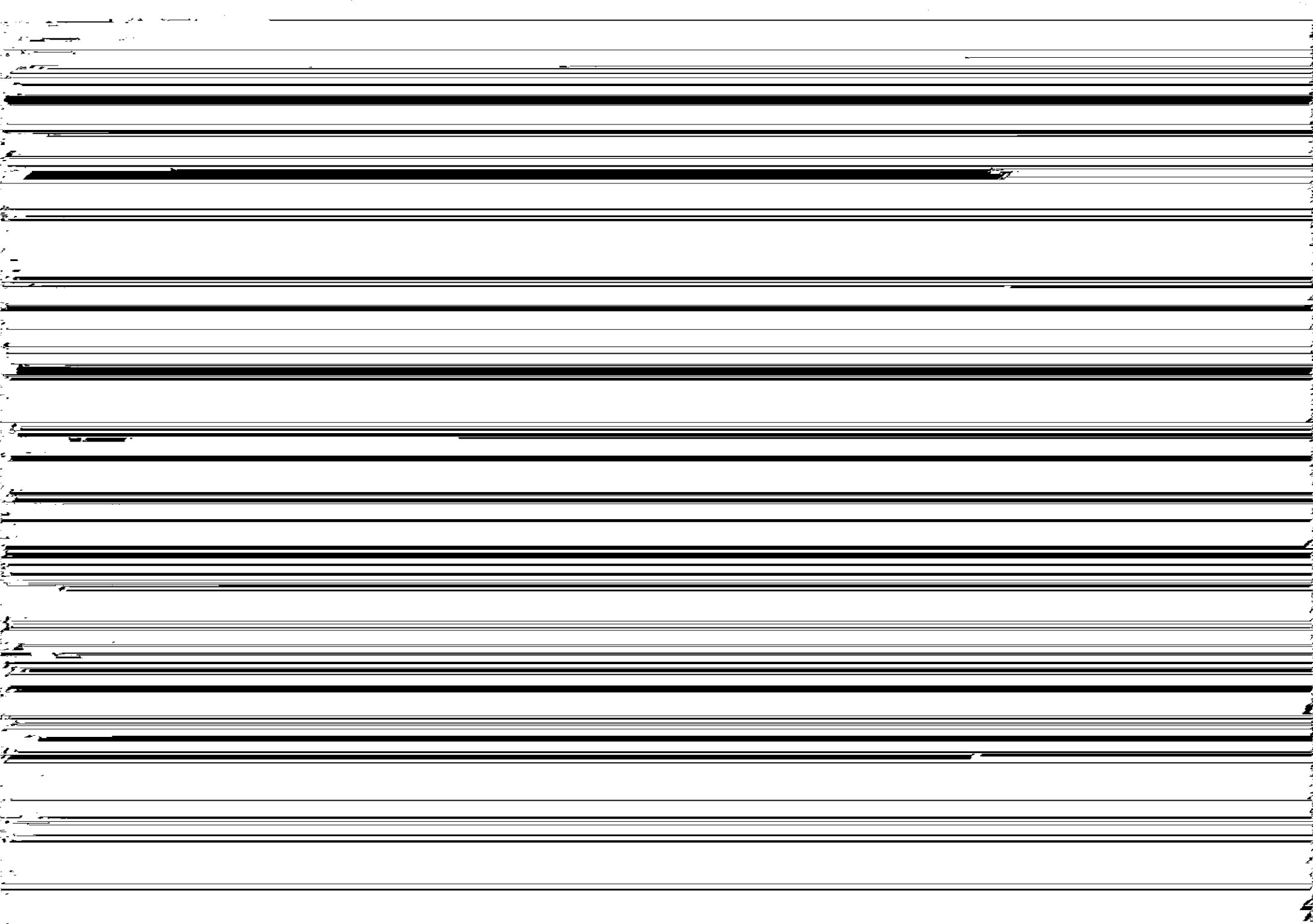


Stephen de Haan
Plant Performance Improvement

04/14/05

Date







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TEL: 07-5576160
KAWAT: UTEKMA
TELEX: MA 60205

ACADEMIC TRANSCRIPT

Name of student

TEH POH LENG

Course

BACHELOR OF ENGINEERING (GAS)

Identity Card No.

780520075111

SUBJECT	CR HOURS	GRADE POINT	GRADE	REMARKS
SESSION 1997/1998 SEMESTER I - FIRST YEAR				
UHP1012 MALAYSIAN SOCIETY	2	8.00	A	
SSM1063 BASIC MATHEMATICS	3	12.00	A	
SSK1103 GENERAL CHEMISTRY I	3	12.00	A	
SSK1801 PRACTICAL CHEMISTRY I	1	4.00	A	
SSF1103 GENERAL PHYSICS I	3	12.00	A	
SSF1801 PRACTICAL PHYSICS I	1	4.00	A	
	THIS SEMESTER		ALL SEMESTER	

TOTAL CREDIT GAINED :	13	13
TOTAL CREDIT CALCULATED:	13	13
TOTAL GRADE POINTS:	52.00	52.00
GPA:	4.00	CPA: 4.00
RESULT : GOOD PASS		

SESSION 1997/1998 SEMESTER II - FIRST YEAR

UHB1222 ENGLISH LANGUAGE II	2	7.40	A-	
UHW1012 THE CONCEPT OF KNOWLEDGE AND COSMOLOGY	2	6.60	B+	
SSM1262 CALCULUS I	2	8.00	A	
SSK1113 GENERAL CHEMISTRY II	3	12.00	A	
SSK1811 PRACTICAL CHEMISTRY II	1	4.00	A	
SSF1113 PHYSICS II	3	12.00	A	
SSF1811 PRACTICAL PHYSICS II	1	3.70	A-	
	THIS SEMESTER		ALL SEMESTER	

TOTAL CREDIT GAINED :	14	27
TOTAL CREDIT CALCULATED:	14	27
TOTAL GRADE POINTS:	53.70	105.70
GPA:	3.84	CPA: 3.91
RESULT : GOOD PASS		

CERTIFIED BY:

JUMAAT BIN SALEH

REGISTRAR'S OFFICE (ACADEMIC)
FOR VICE-CHANCELLOR.



DATE: 06-07-2001



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SESSION 1998/1999 SEMESTER I - SECOND YEAR

SK03113 FUEL & COMBUSTION TECHNOLOGY	3	12.00	A
SKU2033 THERMODYNAMIC	3	12.00	A
SSK2603 ORGANIC CHEMISTRY I	3	12.00	A
SSM2272 CALCULUS II	2	8.00	A
SSM2762 STATISTICS	2	8.00	A
UHB2232 ENGLISH LANGUAGE III	2	6.00	B
UHP2022 POLITICS AND MALAYSIAN NATIONHOOD	2	7.40	A-

THIS SEMESTER	ALL SEMESTER
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TOTAL CREDIT GAINED :	17	44
TOTAL CREDIT CALCULATED:	17	44
TOTAL GRADE POINTS:	65.40	171.10
GPA:	3.85	CPA: 3.89
RESULT : GOOD PASS		


SESSION 1998/1999 SEMESTER II - SECOND YEAR

DCP2073 INTRO. TO C PROGRAMMING	3	12.00	A
SEU2003 ELECTRICAL TECHNOLOGY	3	12.00	A
SKU2043 MECHANICS ENGINEERING	3	12.00	A
SKU2813 ENGINEERING DRAWING	3	11.10	A-
SSM2532 DIFFERENTIAL EQUATIONS	2	8.00	A
UHW2022 THEOLOGY AND SCIENCE	2	7.40	A-
UGS1711 CANOEING	1	3.30	B+

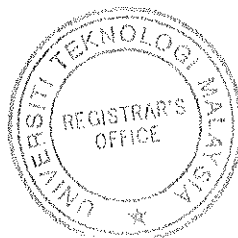
THIS SEMESTER	ALL SEMESTER
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TOTAL CREDIT GAINED :	17	61
TOTAL CREDIT CALCULATED:	17	61
TOTAL GRADE POINTS:	65.80	236.90
GPA:	3.87	CPA: 3.88
RESULT : GOOD PASS		

CERTIFIED BY:


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ACADEMIC TRANSCRIPT

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Name of student

TEH POH LENG

Course

BACHELOR OF ENGINEERING (GAS)

SESSION 1999/2000 SEMESTER I - THIRD YEAR

	THIS SEMESTER	ALL SEMESTER
SKC2113 MASS AND ENERGY BALANCE	3 11.10 A-	
SKG3313 GAS TRANSMISSION AND DISTRIBUTION	3 12.00 A	
SKG4721 FUEL AND COMBUSTION LABORATORY	1 3.70 A-	
SKU3013 MECHANICS OF FLUIDS	3 9.00 B	
SKU3033 MECHANIC OF MATERIALS	3 12.00 A	
SKU3113 ECONOMY & PROJECT MANAGEMENT	3 12.00 A	
UHP3112 INTRODUCTION TO INTERNATIONAL RELATIONS	2 8.00 A	
TOTAL CREDIT GAINED :	18	79
TOTAL CREDIT CALCULATED:	18	79
TOTAL GRADE POINTS:	67.80	304.70
GPA:	3.77	CPA: 3.86
RESULT : GOOD PASS		

SESSION 1999/2000 SEMESTER II - THIRD YEAR

	THIS SEMESTER	ALL SEMESTER
SKC3113 NUMERICAL METHOD	3 12.00 A	
SKC3213 CHEMICAL ENGINEERING THERMODYNAMIC	3 12.00 A	
SKC3313 TRANSPORTATION PROCESSES	3 9.90 B+	
SKG4711 GAS SYSTEM LABORATORY	1 4.00 A	
SKU3711 BASIC ENGINEERING LABORATORY	1 3.70 A-	
SKU4133 QUALITY MANAGEMENT	3 11.10 A-	
SSK2613 ORGANIC CHEMISTRY II	3 11.10 A-	
UHW3032 INTRODUCTION TO SYARIAH AND LAW	2 7.40 A-	
UGS1111 VOLLEY BALL 1	1 3.70 A-	
TOTAL CREDIT GAINED :	20	99
TOTAL CREDIT CALCULATED:	20	99
TOTAL GRADE POINTS:	74.90	379.60
GPA:	3.75	CPA: 3.83
RESULT : GOOD PASS		

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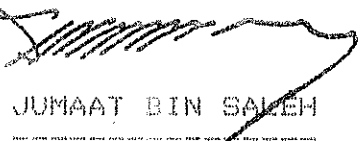
SESSION 1999/2000 SEMESTER III - THIRD YEAR

SK05423 ENERGY MANAGEMENT	3	12.00	A	
SSK2203 ANALYTICAL CHEMISTRY I	3	12.00	A	
				THIS SEMESTER ALL SEMESTER
TOTAL CREDIT GAINED :	6			105
TOTAL CREDIT CALCULATED:	6			105
TOTAL GRADE POINTS:	24.00			403.60
GPA:	4.00		CPA:	3.84

SESSION 2000/2001 SEMESTER I - FOURTH YEAR

SKC3223 CHEMICAL REACTION ENGINEERING	3	12.00	A	
SKC3323 UNIT OPERATION I	3	8.10	B-	
SKC3711 UNIT OPERATION LAB 1.	1	4.00	A	
SKC4124 PLANT SAFETY AND SYNTHESIS	4	14.80	A-	
SKC4413 POLLUTION CONTROL	3	12.00	A	
SKG4313 GAS STORAGE & DISTRIBUTION DESIGN	3	9.90	B+	
SKG4814 UNDERGRADUATE PROJECT	4	14.80	A-	
				THIS SEMESTER ALL SEMESTER
TOTAL CREDIT GAINED :	21			126
TOTAL CREDIT CALCULATED:	21			126
TOTAL GRADE POINTS:	75.60			479.20
GPA:	3.60		CPA:	3.80
RESULT : GOOD PASS				

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SESSION 2000/2001 SEMESTER II - FOURTH YEAR

	THIS SEMESTER	ALL SEMESTER
SKC4113 PROCESS CONTROL & DYNAMIC	3 9.90 B+	
SKC4313 OPERATION UNIT 2	3 12.00 A	
SKC4711 OPERATION UNIT LABORATORY 2	1 3.70 A-	
SKC4721 REACTION & CONTROL LAB	1 3.70 A-	
SKC4826 PLANT & PROCESS DESIGN PROJECT	6 22.20 A-	
SKG4253 GAS PROCESSING & UTILISATION	3 12.00 A	
TOTAL CREDIT GAINED :	17	143
TOTAL CREDIT CALCULATED:	17	143
TOTAL GRADE POINTS:	63.50	542.70
GPA:	3.74	CPA: 3.80
RESULT : GOOD PASS		

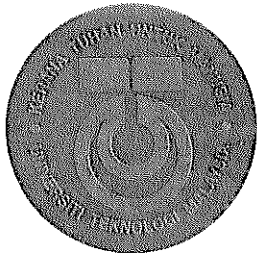
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TEH POH LENG

Course
BACHELOR OF ENGINEERING (GAS)

SESSION 2000/2001 SEMESTER III - FOURTH YEAR

SKU3906 INDUSTRIAL TRAINING	6	0.00	HL PASSED
	THIS SEMESTER		ALL SEMESTER

TOTAL CREDIT GAINED	:	6	149
TOTAL CREDIT CALCULATED:		0	143
TOTAL GRADE POINTS:		0.00	542.70
GPA:		0.00	CPA: 3.80
RESULT : GOOD PASS			

AWARDED:
THE DEGREE OF BACHELOR OF ENGINEERING (CHEMICAL - GAS)
WITH FIRST CLASS HONOURS

CERTIFIED BY:


JUMAAT BIN SALEM

REGISTRAR'S OFFICE (ACADEMIC)
FOR VICE-CHANCELLOR.



DATE: 06-07-2001



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GRADING SYSTEM

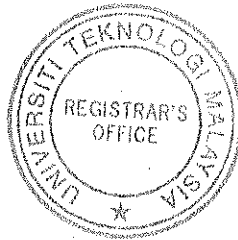
PERCENTAGE GRADE CREDIT POINT

85 - 100	A	4.0
80 - 84	A-	3.7
75 - 79	B+	3.3
70 - 74	B	3.0
65 - 69	B-	2.7
60 - 64	C+	2.3
55 - 59	C	2.0
50 - 54	C-	1.7
45 - 49	D+	1.3
40 - 44	D	1.0
0 - 39	E	0.0

CERTIFIED BY:


JUMAAT BIN SALEH

REGISTRAR'S OFFICE (ACADEMIC)
FOR VICE-CHANCELLOR.



DATE: 06-07-2001