



XSD INTERNATIONAL PAPER SDN. BHD. (1288890-H)

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Tel: +60 4 6889069 Email: info@xsdcorp.com Website: www.xsdcorp.com

Date :

Pengarah

Jabatan Alam Sekitar
Kementerian Tenaga, Sains Teknologi, Alam Sekitar & Perubahan Iklim (MESTECC)
Aras 1 -4, Podium 2&3,
Wisma Sumber Asli, No. 25,
Persiaran Perdana, Presint 4,
62574 Putrajaya, Wilayah Persekutuan Putrajaya.

U.P: Puan Norlin Bt. Jaafar

Puan,

PER : PENYERAHAN LAPORAN EIA BERTAJUK "ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED GREEN PAPER INDUSTRY PARK ON LOT 441, MUKIM PADANG MEHA, DISTRICT OF KULIM, KEDAH DARUL AMAN"

I hereby declare that the entire EIA Report is the product of the Qualified Person (Ms. Geetha P. Kumaran; EIA Reg. No. C0020) engaged by my company and all the facts stated in the Report and the accompanying information are to the best of my knowledge and belief true and correct, and that I have not withheld or distorted any material facts. I agree and I undertake the responsibility to implement all the pollution prevention and mitigation measures (P2M2s) described in the EIA Report, in the Environmental Management Plan (EMP), and in the LD-P2M2* as proposed by the EIA Consultant. I have allocated sufficient funds for the above purpose.

Name of Project Proponent: *SHZ CHENYA*

NRIC Number: *EC6494767*

Designation: *CEO*

Signature: *[Handwritten Signature]* Date: *7/8/2019*

Company's stamp:



(Note*: LD-P2M2 stands for Land Disturbing Pollution Prevention and Mitigation Measures)



Engineering Services Sdn. Bhd. (Registration No. 239233K)

Date: 21/8/2019

Pengarah

Jabatan Alam Sekitar
Kementerian Tenaga, Sains Teknologi, Alam Sekitar & Perubahan Iklim (MESTECC)
Aras 1 -4, Podium 2&3,
Wisma Sumber Asli, No. 25,
Persiaran Perdana, Presint 4,
62574 Putrajaya, Wilayah Persekutuan Putrajaya.

U.P: Puan Norlin Bin Jaafar

Puan,

"ENVIRONMENTAL IMPACT ASSESSMENT (EIA) FOR THE PROPOSED GREEN PAPER INDUSTRY PARK ON LOT 441, MUKIM PADANG MEHA, DISTRICT OF KULIM, KEDAH DARUL AMAN"

"I declare that the entire EIA Report is the product of my own work and the work of my team members (i.e. other consultants who are also Qualified Persons) who worked under my supervision and all the facts stated in the Report and the accompanying information are to the best of my knowledge and belief true and correct and that I have not withheld or distorted any material facts. I have briefed the Project Proponent on the content of the Report and highlighted to him all the pollution prevention and mitigation measures (P2M2s) described in it, and in the Environmental Management Plan (EMP), and in the LD-P2M2*, and the Project Proponent has agreed to implement them (i.e. P2M2). "

Name of EIA Consultant team leader: GEETHA P. KUMARAN

NRIC Number: 651115-08-5876

Designation: STUDY TEAM LEADER

Signature: Geetha Date: 21/8/2019

Company's stamp:

(Note*: LD-P2M2 stands for Land Disturbance Pollution Prevention and Mitigation Measures)




APPENDIX A




A. LIST OF EIA STUDY TEAM MEMBERS

TITLE: Environmental Impact Assessment (EIA) Report for the Proposed Green Paper Industry Park on Lot 441, Mukim Padang Meha, District of Kulim, Kedah Darul Aman.




A1. REGISTERED EIA CONSULTANTS

No	Name	Qualification	Registration With DOE			Study Area	Signature	
			Category	Area/Field	ID No.			Registration Expiry Date
A. EIA Study Team Leader								
1	Geetha P. Kumaran	B.Sc (Ecology), M. Biotechnology (26 years)	EIA Consultant CESSWI™ (1119)	i) Water Quality Monitoring and Assessment	C0020 1119	31 st May 2022 31 st Dec 2019	<p>Overall coordinator and reviewer of the EIA report & Study Team Leader</p> <ol style="list-style-type: none"> 1. Executive Summary/Ringkasan Eksekutif 2. Mitigation Table/Jadual Mitigasi 3. Chapter 1 – Introduction 4. Chapter 2 – Terms of Reference of EIA Study 5. Chapter 3 – Statement of Need 6. Chapter 4 – Project Options 7. Chapter 5 – Project Description 8. Chapter 6 – Existing Environment <ul style="list-style-type: none"> • Water Quality Assessment 9. Chapter 7 – Evaluation of Impacts <ul style="list-style-type: none"> • Water Pollution 10. Chapter 8 – Mitigation Measures <ul style="list-style-type: none"> • Water Pollution Control 11. Chapter 9-Environmental Management Plan (EMP) <p>Chapter 10 – Study Findings</p>	 21/8/2019





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No	Name	Qualification	Registration With DOE			Study Area	Signature	
			Category	Area/Field	ID No.			Registration Expiry Date
A. EIA Study Team Leader								
2.	Yong Wai Yen	B.Sc. (Geology) (23 years)	EIA Consultant CESSWI™ (1124) CPESC JMG Registration	i) Water Pollution Control - Hydrology and Soil ii) Geology and Soil	C0013 1124 6592 PG1371	31 st May 2020 31 st Dec 2019 31 st Dec 2019 31 st Dec 2019	<ul style="list-style-type: none"> 1. Chapter 6 – Existing Environment <ul style="list-style-type: none"> • Physical Environment 2. Chapter 7 – Evaluation of Impacts <ul style="list-style-type: none"> • Erosion and Sedimentation Control • Slope Analysis 3. Chapter 8 – Mitigation Measures <ul style="list-style-type: none"> • Stormwater Management • LDP2M2 	 21/8/2019
3.	Ir. Chong Sun Fatt	B.E. (Hons), Civil Engg Post-grad Diploma in Hydrology M. Sc in Irrigation Engg (30 years)	Subject Consultant CPESC CPSWQ	i) Hydrology and Hydraulics	SS1035 4153 0800	31 th March 2020 31 st Dec 2019 31 st Dec 2019	<ul style="list-style-type: none"> 1. Chapter 6 – Existing Environment <ul style="list-style-type: none"> • Hydrology 2. Chapter 7 – Evaluation of Impacts <ul style="list-style-type: none"> • Hydrology • Water Quality 3. Chapter 8 – Mitigation Measures <ul style="list-style-type: none"> • Hydrology • Water Quality 	 21/8/2019
4.	Zety Akhtar Bt Zainol Abidin	B.Sc. (Environmental Science)	EIA Consultant CESSWI™ (3757)	i) Water Quality ii) Noise and Vibration	C0016 3757	30 th April 2021 31 st December 2019	<ul style="list-style-type: none"> 1. Chapter 7 – Evaluation of Impacts <ul style="list-style-type: none"> • Noise and Vibration Assessment 2. Chapter 8 – Mitigation Measures <ul style="list-style-type: none"> • Noise and Vibration Assessment 	 21/8/2019


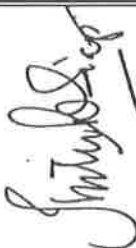


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No	Name	Qualification	Registration With DOE			Signature		
			Category	Area/Field	ID No.		Registration Expiry Date	
A. EIA Study Team Leader								
5.	Sia Hook Wee	B. Sc. (Biology) M. Sc. (Conservation Biology)	EIA Consultant	i) Water Quality Monitoring and Assessment ii) Solid Waste Management i) Ecological Studies (Biodiversity)	CS0594 4070	31 st May 2021 31 st January 2021 31 st July 2020	<ul style="list-style-type: none"> 1. Chapter 6 – Existing Environment <ul style="list-style-type: none"> • Biological Environment 2. Chapter 7 – Evaluation of Impacts <ul style="list-style-type: none"> • Biological Environment • Solid Waste Generation (Biomass) 3. Chapter 8 – Mitigation Measures <ul style="list-style-type: none"> • Biological Environment • Solid Waste Generation (Biomass) 	 21/8/2019
6.	Keey Chong Yee	B.Eng. (Hons) Chemical & Processes M. Eng. (Environment)	EIA Consultant	i) Wastewater ii) Chemical Processes iii) Scheduled Waste Management iv) Air Quality & Odour	C0783	30 th April 2021	<ul style="list-style-type: none"> 1. Chapter 5 – Project Description <ul style="list-style-type: none"> • Industrial Processes • Chapter 7 – Evaluation of Impacts <ul style="list-style-type: none"> • Scheduled Waste Generation • Chapter 8 – Mitigation Measures <ul style="list-style-type: none"> • Scheduled Waste Management 	 21/8/2019
7.	Ir. Rosli B. Idrus	Professional Eng. B.Eng (Hons.) (Civil) (31 years)	Subject Consultant CESSWI™ (3525)	i) Traffic Impact Assessment	SS0484	31 st May 2021	<ul style="list-style-type: none"> 1. Chapter 6 – Existing Environment <ul style="list-style-type: none"> • Traffic 2. Chapter 7 – Evaluation of Impacts <ul style="list-style-type: none"> • Traffic 3. Chapter 8 – Mitigation Measures <ul style="list-style-type: none"> • Traffic management 	 21/8/2019

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No	Name	Qualification	Registration With DOE			Study Area	Signature
			Category	Area/Field	ID No.		
A. EIA Study Team Leader							
8.	Adnan bin Yusop Ali	B. Eng (Chemical) (15 years)	EIA Consultant	i) Quantitative Risk Assessment (QRA)	SS0066	30 th May 2020	<ul style="list-style-type: none"> 1. Chapter 7 – Evaluation of Impacts <ul style="list-style-type: none"> • Quantitative Risk Assessment (QRA) 2. Chapter 8 – Mitigation Measures <ul style="list-style-type: none"> • Quantitative Risk Assessment (QRA) • Emergency Response Plan (ERP)  21/8/2019
9.	Zahir Yahya	B.Sc (Hons.) Geology (30 years)	Subject Consultant	i) Geology	SS1107	31 st Dec 2020	<ul style="list-style-type: none"> 1. Chapter 6 – Existing Environment <ul style="list-style-type: none"> • Geology • Groundwater 2. Chapter 7 – Evaluation of Impacts <ul style="list-style-type: none"> • Groundwater modelling 3. Chapter 8 – Mitigation Measures <ul style="list-style-type: none"> • Groundwater  21/8/2019
10	Prof. Dr. Jamal Hisham Hashim	<ul style="list-style-type: none"> i) B.A (Biologies & Env. Studies) ii) MSc (Public Health) iii) PhD (Env. Health Science) (30 years) 	EIA Consultant	i) Health Impact Assessment	CS0483	31 st Jan 2021	<ul style="list-style-type: none"> 1. Chapter 6 – Existing Environment <ul style="list-style-type: none"> • Public health status 2. Chapter 7 – Evaluation of Impacts <ul style="list-style-type: none"> • Environmental Health Impact assessment 3. Chapter 8 – Mitigation Measures <ul style="list-style-type: none"> • Environmental Health Impact management  21/8/2019
11	Tan Poh Aun	B.Sc (Chemistry) M. Tech (Environmental Management) (20 years)	EIA Consultant	<ul style="list-style-type: none"> i) Air Quality and Odour ii) Water Quality iii) Noise and Vibration 	C0104	31 st March 2020	<ul style="list-style-type: none"> 1. Chapter 6 – Existing Environment <ul style="list-style-type: none"> • Air and odour level 2. Chapter 7 – Evaluation of Impacts <ul style="list-style-type: none"> • Air quality and odour 3. Chapter 8 – Mitigation Measures <ul style="list-style-type: none"> • Air quality and odour  21/8/2019

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No	Name	Qualification	Registration With DOE			Study Area	Signature
			Category	Area/Field	ID No.		
A. EIA Study Team Leader							
12	Lee Hwok Lok	B.Sc. (Environment) Hons (20 years)	EIA Consultant MSIA Member	i) Air Pollution Control – Air Quality ii) Landuse Planning i) Social Impact Assessment	C0027	31 st July 2020	 21/8/2019
13	Justin D. Siap	B.A (Hons.) Economics M.Sc (Environmental Management) (16 years)	EIA Consultant Subject Consultant	i) Solid Waste Management i) Socio-Economic	CS0189	31 st May 2022 31 st May 2022	 21/8/2019
14	Pua Hock Wei	B.Sc. (Hons) Environmental Science Master of Management (Environmental Management)	EIA Consultant CESSWI™	i) Water Quality Monitoring and Assessment	C1051 4418	31 st May 2021 31 st July 2019	 21/8/2019
15	Yap Wai Kiong	B.Tech (Environment) M. Eng (Safety, Health & Environment)	EIA Consultant	i) Noise Monitoring and Assessment ii) Air Quality Monitoring and Assessment	C1188	31 st May 2021	 21/8/2019

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No	Name	Qualification	Registration With DOE			Study Area	Signature
			Category	Area/Field	ID No.		
A. EIA Study Team Leader							
16	Nur Arina Muhamad Affandi	B. (Science and Environment Management) M. SC (Environmental Science)	EIA Consultant	I) Water Quality Monitoring and Assessment	C1187	31 st May 2021	1. Chapter 6 – Existing Environment Water Quality Monitoring and assessment 21/8/2019
17	Lau Lai Keat	B. Eng (Civil) (30 years)	Subject Consultant	Wastewater	C00432	30 th Apr 2021	1. Chapter 5 – Project Description Industrial Wastewater Treatment Plant 21/8/2019

A2. EIA TEAM MEMBER

No	Name	Qualification	Registration with BEM			Study Area	Signature
			Category	Area/Field	ID No.		
1.	Ir. Azyantee bt. Ghazally	B.Eng. Civil, P. Eng., MIEM BEM Reg. No C116743	Professional Engineer	Civil Engineering	C116743	31 st Dec 2019	1. Chapter 7 – Evaluation of Impact Earthworks Stormwater management 2. Chapter 8 – Mitigation Measures Stormwater Management 21/8/2019

A3. REGISTERED ASSISTANT CONSULTANTS

No	Name	Qualification	Registration With DOE		Study Area	Supervised By	Signature
			Category	Area/Field			
1.	Muhammad Ammar Bin Ghazali	B.Sc. (Geographical Sciences) (6 years)	Assistant Consultant	i) Hydrology ii) Geomorphology	AC 1271	i) Hydrological Study ii) Erosion and Sedimentation iii) Geographical Information System (GIS)	Geetha P. Kumaran Yong Wai Yen 21/8/2019
2.	Yang Hai Hwee	B. Tech. (Environmental) M. Eng (Environmental) (7 years)	Assistant Consultant	i) Hydrology ii) Water Quality	AC 1296	i) Existing Environment-Hydrological Environment ii) Erosion and Sedimentation Control Programme iii) LDP2M2	Geetha P. Kumaran Yong Wai Yen 21/8/2019