Ref: page 1 of 1 Lab No.: 1809/822/01/W

Report Date: 28th September 2018

Certificate of Analysis



LABORATORY (KL) SDN. BHD.

(413256-D)

Wiranda (M) Sdn Bhd

Tingkat 1, 3374, Jalan 18/31, Taman Sri Serdang, 43300 Seri Kembangan,

Selangor.

Attention:-En Amirul Arif

Project :-Yong Forest Reserve, District of Jerantut,













Result of Analysis

Measurement Location : N1

Measurement Description : Boundary Noise Monitoring

Measurement Period : 24 hours

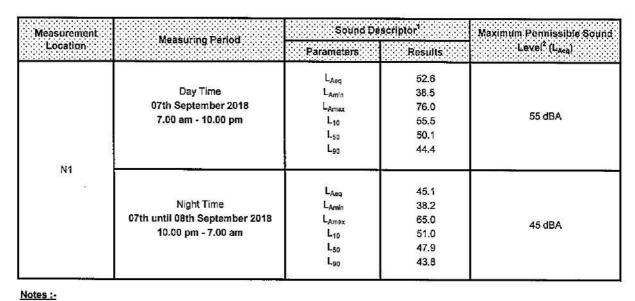
Equipment Description : Integrating Sound Level Meter (RS232)

Calibration SPL : 94 dB and 114 dB

Frequency Weighting : A

Time Weighting Response : Fast

Measurement Result



Analytical Chemists And Industrial **Consultants**

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1) Sound Descriptors

Leq - Equivalent Continuous Sound Level

Sound Level that would produce a given daily noise dose if receiving area was exposed to the sound level continuously over a certain period of time.

2) Sururban Residential (Medium Density) Areas, Public Spaces, Parks, Recreational Areas. (Source: Annex A, Schedule 1: Maximum Permissible Sound Level (Leq.) by Receiving Land Use Planning and New Development. The Planning Guidelines for Environmental Noise Limits and Noise, 2007)

3) * Denotes that the noise limit had exceeded the stipulated limit

CHONG/KOK HENG AMIO, B.Sc (Hons) (IKM No : A)2058/3869/03)

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Ref: page 1 of 1 Lab No.: 1809/822/02/W

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Wiranda (M) Sdn Bhd

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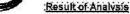
Yong Forest Reserve, District of Jerantut, Project :-











Measurement Location : N2

Measurement Description : Boundary Noise Monitoring

Measurement Period : 24 hours

Equipment Description : Integrating Sound Level Meter (RS232)

Calibration SPL : 94 dB and 114 dB

Frequency Weighting : A

Time Weighting Response : Fast



Measurement Result

Measurement Location	Measuring Period	Sound Descriptor		Maximum Permissible Sound:
		Parameters	Results	Level ² (L _{Aeq})
N2	Day Time 05th September 2018 7.00 am - 10.00 pm	L _{Aeq} L _{Amin} L _{Amax} L ₁₀ L ₅₀	56.4 43.3 74.1 59.7 52.1 48.8	55 dBA
	Night Time 05th until 06th September 2018 10.00 pm - 7.00 am	L _{Aeq} L _{Amin} L _{Amex} L ₁₀	46.0 49.6 71.2 56.2	45 dBA

L50

52.7

51.5

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Notes :-

1) Sound Descriptors

Leg - Equivalent Continuous Sound Level

Sound Level that would produce a given daily noise dose if receiving area was exposed to the sound level continuously over a certain period of time.

2) Sururban Residential (Medium Density) Areas, Public Spaces, Parks, Recreational Areas. (Source: Annex A, Schedule 1: Maximum Permissible Sound Level (Luq) by Receiving Land Use Planning and New Development. The Planning Guidelines for Environmental Noise Limits and Noise, 2007)

3) * Denotes that the noise limit had exceeded the stipulated limit

CHONG KOK HENG AMIC, B.Sc (Hons) (IKM No : A/2055/3869/03)

Lab No.: 1809/822/03/W

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> Project :-Yong Forest Reserve, District of Jerantut,











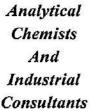












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Measurement Location

Result of Analysis

: N3

Measurement Description : Boundary Noise Monitoring

Measurement Period : 24 hours

Equipment Description : Integrating Sound Level Meter (RS232)

Calibration SPL : 94 dB and 114 dB

Frequency Weighting Time Weighting Response Fast

Measurement Result

Measurement Location	Measuring Period	Sound Descriptor		Maximum Permissible Sound
		Parameters	Results	Level ² (L _{Aeg})
N3	Day Time 06th September 2018 7.00 am - 10.00 pm	L _{Aeq}	57.3 41.9	55 dBA
		L _{Amin} L _{Amax}	75.8	
		L ₁₀	60.0	
		L ₅₀	49.5	
		L ₉₀	46.7	
	Night Time 06th until 07th September 2018 10.00 pm - 7.00 am	L_Aeq	45.0	45 dBA
		L _{Amin}	49.6	
		L _{Amax}	71.2	
		L ₁₀	56.2	
		L ₅₀	52.7	
		L ₉₀	51.5	
200		201214	S	

Notes :-

1) Sound Descriptors

Leg - Equivalent Continuous Sound Level

Sound Level that would produce a given daily noise dose if receiving area was exposed to the sound level continuously over a certain period of time.

2) Sururban Residential (Medium Density) Areas, Public Spaces, Parks, Recreational Areas. (Source: Annex A, Schedule 1: Maximum Permissible Sound Level (Leq) by Receiving Land Use Planning and New Development. The Planning Guidelines for Environmental Noise Limits and Noise, 2007)

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