CERTIFICATE OF ANALYSIS

CERTIFICATE NO : CN 09122 - 2017

Date of Issue : 05/10/2017

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Lab Ref No. : 4284/2017 – 02

Company : Alam Avani Sdn. Bhd. Attention : Mr. Dave

2-06, Block 2, Ground Floor,

Condo Prima U1,

Jalan Kerjaya, Seksyen 41, Selangor, Darul Ehsan.

Date Samples Received : 25/09/2017
Date Sampling : 25/09/2017
No. of Sample : 1 Stack sample

Sample Marking : 4284 – Blackhole (Magnetic Heat) Sampling : Samples were collected by client.

Results of Analysis: Results are based on samples submitted by customer unless otherwise stated.					
No	Parameter	Unit	4284	#Limit	Method of Analysis
1.	*Total Particulate Matter	mg/m ³	40	100	APHA IC 11101-01-70T
2.	Hydrogen Chloride as HCl	mg/m ³	ND<0.005	40	USEPA 0050
3.	SO_X	mg/m ³	3.3	50	FEM – 7 V1.3 – Portable Combustion Analyzer
4.	NO_X	mg/m ³	6.69	100	FEM – 7 V1.3 – Portable Combustion Analyzer
5.	Carbon Monoxide as CO	mg/m ³	1.8	50	FEM – 7 V1.3 – Portable Combustion Analyzer
6.	Cadmium as Cd	mg/m ³	ND<0.002	0.05	USEPA 29
7.	**Thallium as Th	mg/m ³	ND<0.01	0.05	APHA 3120 B (2005)
8.	Mercury as Hg	mg/m ³	ND<0.001	0.05	USEPA 29
9.	Antimony As Sb	mg/m ³	ND<0.01	0.5	USEPA 29
10.	Arsenic As As	mg/m ³	ND<0.001	0.5	USEPA 29
11.	Lead As Pb	mg/m ³	ND<0.01	0.5	USEPA 29
12.	Chromium As Cr	mg/m³	ND<0.02	0.5	USEPA 29
13.	*Cobalt As Co	mg/m ³	ND<0.01	0.5	ICP - OES
14.	Copper As Cu	mg/m ³	ND<0.01	0.5	USEPA 29
15.	Manganese As Mn	mg/m ³	ND<0.02	0.5	USEPA 29
16.	Nickel As Ni	mg/m ³	ND<0.01	0.5	USEPA 29
17.	**Vanadium As V	mg/m ³	ND<0.01	0.5	ICP - OES
18.	Hydrogen Fluoride as HF	mg/m³	ND<0.001	1	USEPA 13 A
20.	Dark Smoke	-	0	Not darker than the Shade No. 1 of the Ringelmann Chart	BS 274:1957

ND: Not Detectable *SAMM Accredited **Sub-Contracted to Accredited Laboratory #Standard limits as stipulated in Third Schedule (Waste incinerators in all sizes) Regulation 13 Third Schedule CAR (2014)