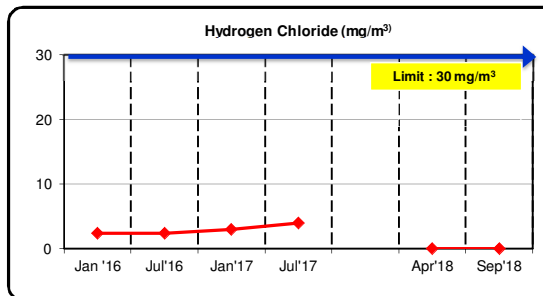
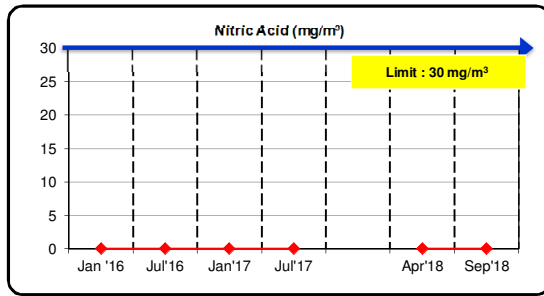
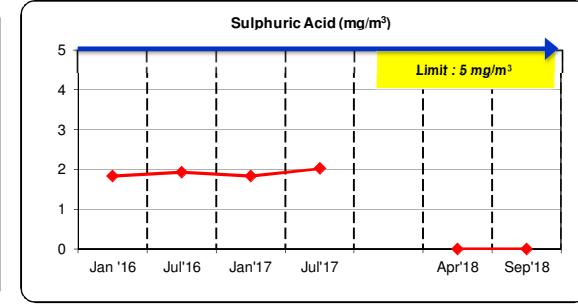
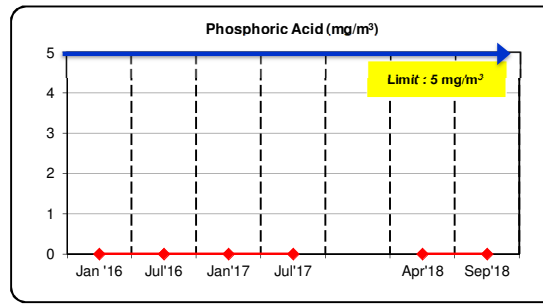
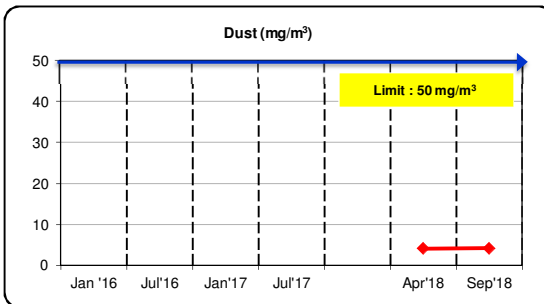


M-SITE AIR MONITORING PERFORMANCE GRAPH - SCRUBBER #1A

FREQUENCY OF MONITORING: HALF YEARLY

Environmental Quality (Clean Air) Regulations 2014

Parameter / Month	Jan '16	Jul'16	Jan'17	Jul'17	Apr'18	Sep'18	Limit
Dust Concentration,dry (mg/m ³)					4.10	4.18	50
Phosphoric Acid (mg/m ³)	ND	ND	ND	ND	<0.001	<0.001	5
Sulfuric Acid Mist,H ₂ SO ₄ (+SO ₃)(mg/m ³)	1.83	1.93	1.83	2.02	<0.001	<0.001	5
Nitric Acid, HNO ₃ (mg/m ³)	ND	ND	ND	ND	<0.001	<0.001	30
Hydrogen Chloride HCl (mg/m ³)	2.36	2.36	3.02	3.96	<0.001	<0.001	30
Date of report	11-Jan-16	20-Jul-16	13-Jan-17	10-Jul-17	5-Apr-18	27-Sep-18	



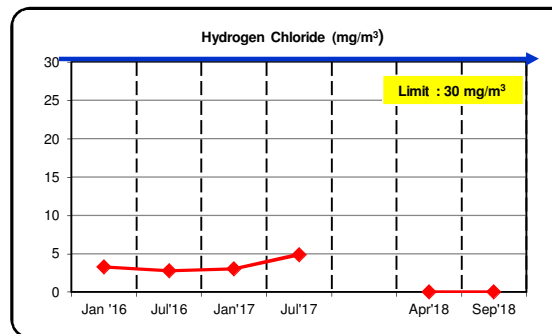
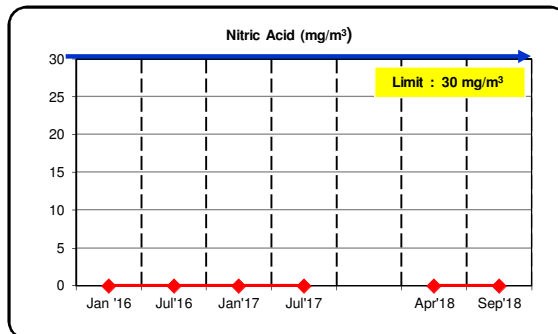
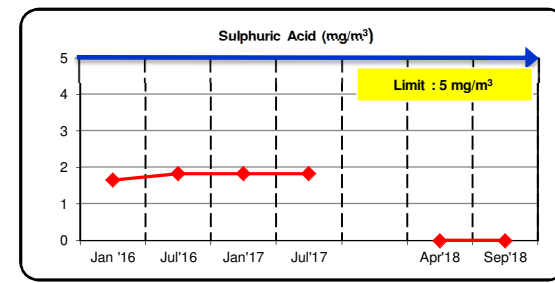
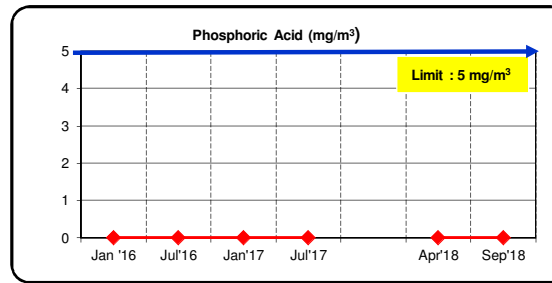
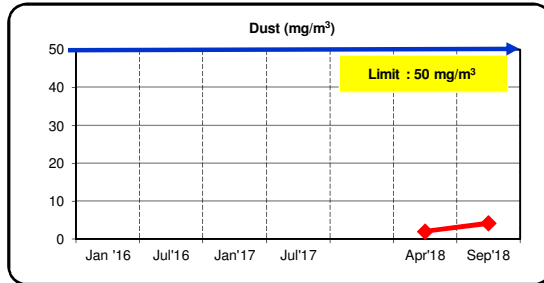
Conclusion :

- 1) The emission level of dust concentration for Scrubber 1A monitored according to the Malaysian Standard MS 1956:2003 were within the Malaysian Environmental Quality (Clean Air) Regulation 2014
- 2) The emission level for Sulfuric Acid Mist (+SO₃), Nitric Acid, Hydrogen Chloride and Phosphoric Acid for Scrubber 1A monitored were within the Malaysian Environmental Quality (Clean Air) Regulation 2014

M-SITE AIR MONITORING PERFORMANCE GRAPH - SCRUBBER #1B
FREQUENCY OF MONITORING: HALF YEARLY

Environmental Quality (Clean Air) Regulations 2014

Parameter / Month	Jan '16	Jul'16	Jan'17	Jul'17	Apr'18	Sep'18	Limit
Dust Concentration,dry (mg/m ³)					2.05	4.18	50
Phosphoric Acid (mg/m ³)	ND	ND	ND	ND	<0.001	<0.001	5
Sulfuric Acid Mist,H ₂ SO ₄ (+SO ₃)(mg/m ³)	1.65	1.83	1.83	1.83	<0.001	<0.001	5
Nitric Acid, HNO ₃ (mg/m ³)	ND	ND	ND	ND	<0.001	<0.001	30
Hydrogen Chloride HCl (mg/m ³)	3.30	2.83	3.02	4.9	<0.001	<0.001	30
Date of report	11-Jan-16	20-Jul-16	13-Jan-17	10-Jul-17	5-Apr-18	27-Sep-18	

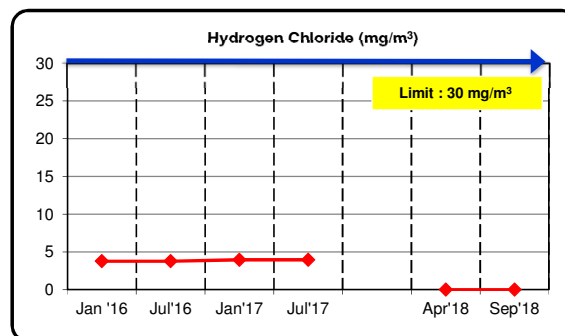
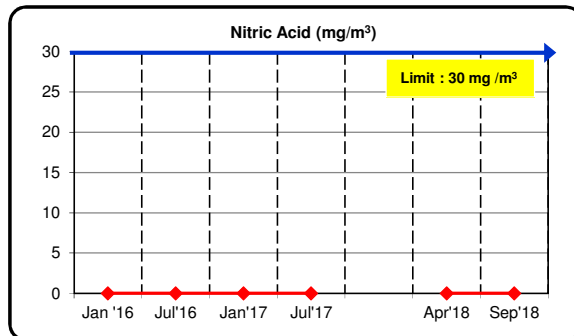
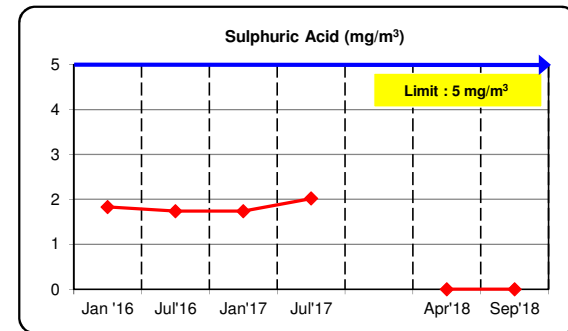
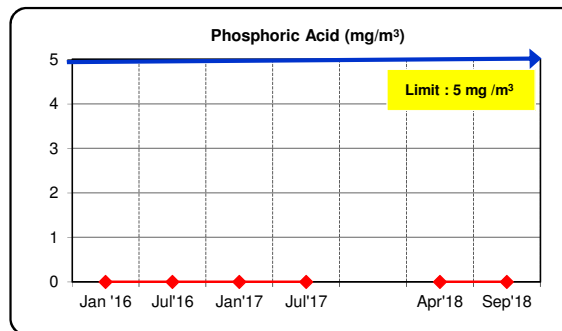
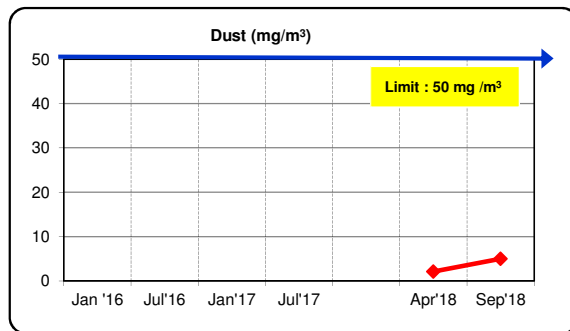


- 1) The emission level of dust concentration for Scrubber 1B monitored according to the Malaysian Standard MS 1956:2003 were within the Malaysian Environmental Quality (Clean Air) Regulation 2014
- 2) The emission level for Sulfuric Acid Mist (+SO₃), Nitric Acid, Hydrogen Chloride and Phosphoric Acid for Scrubber 1B monitored were within the Malaysian Environmental Quality (Clean Air) Regulation 2014

M-SITE AIR MONITORING PERFORMANCE GRAPH - SCRUBBER #3
FREQUENCY OF MONITORING: HALF YEARLY

Environmental Quality (Clean Air) Regulations 2014

Parameter / Month	Jan '16	Jul'16	Jan'17	Jul'17	Apr'18	Sep'18	Limit
Dust Concentration,dry (mg/m ³)					2.12	5.0	50
Phosphoric Acid (mg/m ³)	ND	ND	ND	ND	<0.001	<0.001	5
Sulfuric Acid Mist,H ₂ SO ₄ (+SO ₃)(mg/m ³)	1.83	1.74	1.74	2.02	<0.001	<0.001	5
Nitric Acid, HNO ₃ (mg/m ³)	ND	ND	ND	ND	<0.001	<0.001	30
Hydrogen Chloride HCl (mg/m ³)	3.77	3.77	3.96	3.96	<0.001	<0.001	30
Date of report	11-Jan-16	20-Jul-16	13-Jan-17	10-Jul-17	5-Apr-18	27-Sep-18	



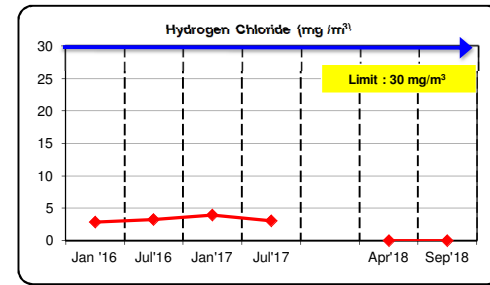
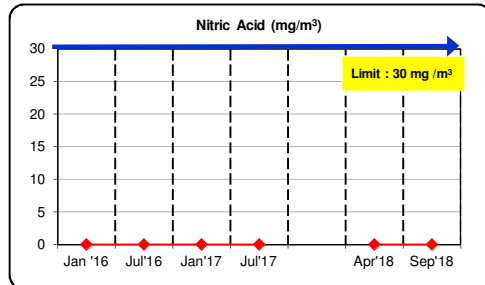
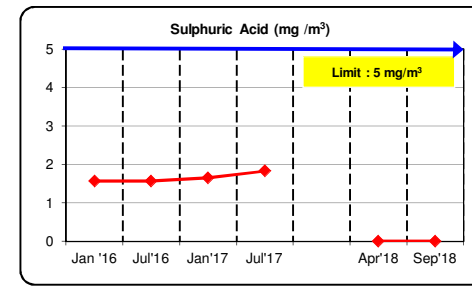
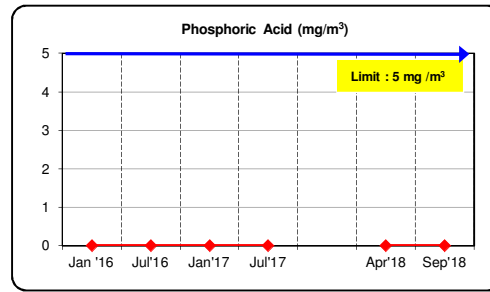
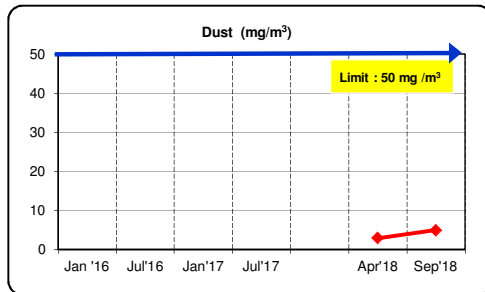
Conclusion :

- 1) The emission level of dust concentration for Scrubber 3 monitored according to the Malaysian Standard MS 1956:2003 were within the Malaysian Environmental Quality (Clean Air) Regulation 2014
- 2) The emission level for Sulfuric Acid Mist (+SO₃), Nitric Acid, Hydrogen Chloride and Phosphoric Acid for Scrubber 3 monitored were within the Malaysian Environmental Quality (Clean Air) Regulation 2014

M-SITE AIR MONITORING PERFORMANCE GRAPH - SCRUBBER #4
FREQUENCY OF MONITORING: HALF YEARLY

Environmental Quality (Clean Air) Regulations 2014

Parameter / Month	Jan '16	Jul'16	Jan'17	Jul'17	Apr'18	Sep'18	Limit
Dust Concentration,dry (mg/m ³)					2.92	4.94	50
Phosphoric Acid (mg/m ³)	ND	ND	ND	ND	<0.001	<0.001	5
Sulfuric Acid Mist,H ₂ SO ₄ (+SO ₂)(mg/m ³)	1.56	1.56	1.65	1.83	<0.001	<0.001	5
Nitric Acid, HNO ₃ (mg/m ³)	ND	ND	ND	ND	<0.001	<0.001	30
Hydrogen Chloride HCl (mg/m ³)	2.83	3.30	3.96	3.02	<0.001	<0.001	30
Date of report	11-Jan-16	20-Jul-16	13-Jan-17	10-Jul-17	5-Apr-18	27-Sep-18	



Conclusion :

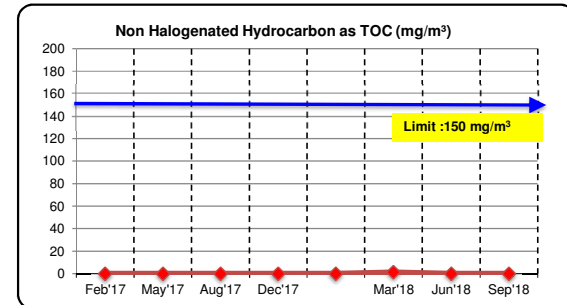
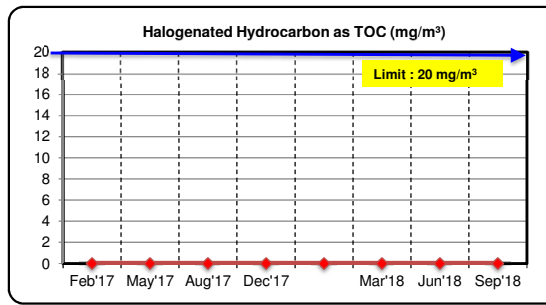
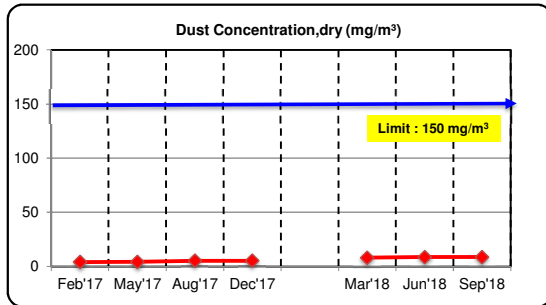
- 1) The emission level of dust concentration for Scrubber 4 monitored according to the Malaysian Standard MS 1956:2003 were within the Malaysian Environmental Quality (Clean Air) Regulation 2014
- 2) The emission level for Sulfuric Acid Mist (+SO₂), Nitric Acid, Hydrogen Chloride and Phosphoric Acid for Scrubber 4 monitored were within the Malaysian Environmental Quality (Clean Air) Regulation 2014

M-SITE AIR MONITORING PERFORMANCE GRAPH - COMPOUND OVEN OUTLET

FREQUENCY OF MONITORING: QUARTERLY

Environmental Quality (Clean Air)
Regulations 2014

Parameter / Month	Feb'17	May'17	Aug'17	Dec'17	Mar'18	Jun'18	Sep'18	Dec'18	Limit
Dust Concentration,dry (mg/m ³)	4.13	4.14	5.26	5.23	8.17	8.68	8.64		50
Non Methane Volatile Organic Compound :									
Halogenated Hydrocarbon as TOC (mg/m ³)					<0.001	<0.001	<0.001		20
Non Halogenated Hydrocarbon as TOC (mg/m ³)	ND	ND	ND	ND	1.178	<0.001	<0.001		150
Date of report	18-Feb-17	13-May-17	3-Aug-17	21-Dec-17	29-Mar-18	21-Jun-18	27-Sep-18		



Conclusion :

- 1) The dust concentration monitored for the stack of Compound Oven Outlet was within the Malaysian Environmental Quality (Clean Air) Regulations 2014
- 2) The Non methane Volatile Organic Compound , NMVOC monitored for the stack was within the Malaysian Environmental Quality (Clean Air) Regulations 2014