ANNUAL RELEASES

Substance	Release Point A1 (Tonne)	Release Point A2 (Tonne)	Release Point A3 (Tonne)	Release Point A4 (Tonne)	Release Point A5 (Tonne)
Particulate Matter	0.00		0.43	0.11	0.08
VOC's as Total Organic Carbon (TOC)	0.00				
Hydrogen Chloride	0.00				
Hydrogen Fluoride	0.00				
Oxides of Nitrogen (NO and NO2 expressed as NO2)	0.00				
Nitrous Oxide	0.00				
Ammonia	0.00			0.16	
Sulphur Dioxide	0.00				
Carbon Monoxide	0.00				
Cadmium & Thallium and their compounds (total)	0.00000				
Mercury and its compounds	0.00000				
Antimony (Sb) and its compounds	0.0000				
Arsenic (As) and its compounds					
Lead (Pb) and its compounds					
Chromium (Cr) and its compounds					
Cobalt (Co) and its compounds					
Manganese (Mn) and its compounds					
Nickel (Ni) and its compounds					
Vanadium (V) and its compounds					
PCBs*	0				
Dioxin and Furans*	0.00000E+00				
PAH**	0.00				

Date of Test	10/06/2020	09/12/2020							
Run time	01/01/20-30/06/20	01/07/20-31/12/20							
Result mg/m3*	0.95	0.46							
	3600	3600							
Hours Run	4344	4416							
Volumetric Flow*	18.572	20.634							
	290436364.8	328031078.4	0	0	0	0	0	0	0
Result g	9.5E-10	4.6E-10	0	0	0	0	0	0	0
Mass Emission (mg)	**275.91**	**150.89**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
***Emissions are reported at reference conditions 273k, 101.3kpa Wet Gas**							EA Calculation for Mass Emission		**0.427**
							Average Calculation for Mass Emissions		**0.436**

A4 - Pa

Date of Test	10/06/2020	09/12/2020		
Run time	01/01/20-30/06/20	01/07/20-31/12/20		
Result mg/m3*	0.29	0.21		
	3600	3600		
Hours Run	4344	4416		
Volumetric Flow*	13.8626	14.5558		
	216788883.8	231402286.1	0	0
Result g	2.9E-10	2.1E-10	0	0
Mass Emission (mg)	**62.87**	**48.59**	**0.00**	**0.00**
***Emissions are reported at reference conditions 273k, 101.3kpa Wet Gas**				

A4 - A

Date of Test	10/06/2020	09/12/2020		
Run time	01/01/20-30/06/20	01/07/20-31/12/20		
Result mg/m3*	0.22	0.49		
	3600	3600		
Hours Run	4344	4416		
Volumetric Flow*	13.8626	14.5558		
	216788883.8	231402286.1	0	0
Result g	2.2E-10	4.9E-10	0	0
Mass Emission (mg)	**47.69**	**113.39**	**0.00**	**0.00**
***Emissions are reported at reference conditions 273k, 101.3kpa Wet Gas**				

articulate

0	0	0	0	0
0	0	0	0	0
0.00	**0.00**	**0.00**	**0.00**	**0.00**
		EA Calculation for Mass Emission		**0.11**
		Average Calculation for Mass Emissions		**0.11**

mmonia

0	0	0	0	0
0	0	0	0	0
0.00	**0.00**	**0.00**	**0.00**	**0.00**
		EA Calculation for Mass Emission		**0.16**
		Average Calculation for Mass Emissions		**0.16**

Totals
0.25
3600
8760
14.2092
448101331.2
2.5E-10

Totals
0.355
3600
8760
14.2092
448101331.2
3.55E-10

Date of Test	10/06/2020	09/12/2020	
Run time	01/01/20-30/06/20	01/07/20-31/12/20	
Result mg/m3*	0.44	0.34	
	3600	3600	
Hours Run	4344	4416	
Volumetric Flow*	6.2134	6.1942	
	97167634.56	98472913.92	0
Result g	4.4E-10	3.4E-10	0
Mass Emission (mg)	**42.75**	**33.48**	**0.00**
***Emissions are reported at reference conditions 273k, 101.3kpa Wet Gas**			

A5 - Particulate

0	0	0	0	0
0	0	0	0	0
0.00	**0.00**	**0.00**	**0.00**	**0.00**
			EA Calculation for Mass Emission	
			Average Calculation for Mass Emissions	

	Totals
	0.39
	3600
	8760
	6.2038
0	195643036.8
0	3.9E-10
0.00	
0.076	
0.076	

Date of Test			
Run time			
Result mg/m3*			
	3600	3600	3600
Hours Run			
Volumetric Flow*	8.5		
	0	0	0
Result g	0	0	0
Mass Emission (mg)	**0.00**	**0.00**	**0.00**

***Reference Conditions 273K, 101.3kPa, 11% Oxygen, Dry Gas.**

Date of Test			
Run time			
Result mg/m3*			
	3600	3600	3600
Hours Run			
Volumetric Flow*			
	0	0	0
Result g	0	0	0
Mass Emission (mg)	**0.00**	**0.00**	**0.00**

***Reference Conditions 273K, 101.3kPa, 11% Oxygen, Dry Gas.**

Initial calculations used volumetric flow rates at stack conditions, however as the emi
the year should also use reference conditions. This explains why the mass emission
calculating the mass emission for individual results and the run time that result repres
mass emissions. Clearly the EA's method for calculating the mass emission yields a

A1 - Particulate

3600	3600	3600	3600	3600
0	0	0	0	0
0	0	0	0	0
0.00	**0.00**	**0.00**	**0.00**	**0.00**
			EA Calculation for Mass Emission	
			Average Calculation for Mass Emissions	

A1 - VOC's

3600	3600	3600	3600	3600
0	0	0	0	0
0	0	0	0	0
0.00	**0.00**	**0.00**	**0.00**	**0.00**
			EA Calculation for Mass Emission	
			Average Calculation for Mass Emissions	

ssion is reported at reference conditions then to maintain continuity the volumetric flow rates used to calculate
has decreased significantly compared to the initial calculations. the mass emission values obtained are from th
sents. The second method of calculation averages the dioxin results and volumetric flow rates for the year and
loweer results

	Totals
	#DIV/0!
3600	3600
	0
	8.5
0	0
0	#DIV/0!
0.00	
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	Totals
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3600	3600
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			A
Date of Test			
Run time			
Result mg/m3*			
	3600	3600	3600
Hours Run			
Volumetric Flow*			
	0	0	0
Result g	0	0	0
Mass Emission (mg)	**0.00**	**0.00**	**0.00**
***Reference Conditions 273K, 101.3kPa, 11% Oxygen, Dry Gas.**			

			A
Date of Test			
Run time			
Result mg/m3*			
	3600	3600	3600
Hours Run			
Volumetric Flow*			
	0	0	0
Result g	0	0	0
Mass Emission (mg)	**0.00**	**0.00**	**0.00**
***Reference Conditions 273K, 101.3kPa, 11% Oxygen, Dry Gas.**			

Initial calculations used volumetric flow rates at stack conditions, however as the emis
the year should also use reference conditions. This explains why the mass emission h
calculating the mass emission for individual results and the run time that result repres
emissions. Clearly the EA's method for calculating the mass emission yields a loweer

1 - Hydrogen Fluoride

3600	3600	3600	3600	3600
0	0	0	0	0
0	0	0	0	0
0.00	**0.00**	**0.00**	**0.00**	**0.00**
			EA Calculation for Mass Emission	
			Average Calculation for Mass Emissions	

1 - Hydrogen Chloride

3600	3600	3600	3600	3600
0	0	0	0	0
0	0	0	0	0
0.00	**0.00**	**0.00**	**0.00**	**0.00**
			EA Calculation for Mass Emission	
			Average Calculation for Mass Emissions	

ssion is reported at reference conditions then to maintain continuity the volumetric flow rates used to calculate r
as decreased significantly compared to the initial calculations. the mass emission values obtained are from the
ents. The second method of calculation averages the dioxin results and volumetric flow rates for the year and c
results

	Totals
	#DIV/0!
3600	3600
	0
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	Totals
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A

Date of Test			
Run time			
Result mg/m3*			
	3600	3600	3600
Hours Run			
Volumetric Flow*			
	0	0	0
Result g	0	0	0
Mass Emission (mg)	**0.00**	**0.00**	**0.00**

***Reference Conditions 273K, 101.3kPa, 11% Oxygen, Dry Gas.**

Date of Test			
Run time			
Result mg/m3*			
	3600	3600	3600
Hours Run			
Volumetric Flow*			
	0	0	0
Result g	0	0	0
Mass Emission (mg)	**0.00**	**0.00**	**0.00**

***Reference Conditions 273K, 101.3kPa, 11% Oxygen, Dry Gas.**

Initial calculations used volumetric flow rates at stack conditions, however as the emi
the year should also use reference conditions. This explains why the mass emission
calculating the mass emission for individual results and the run time that result repres
mass emissions. Clearly the EA's method for calculating the mass emission yields a

1 - Oxides of Nitrogen

3600	3600	3600	3600	3600
0	0	0	0	0
0	0	0	0	0
0.00	**0.00**	**0.00**	**0.00**	**0.00**
			EA Calculation for Mass Emission	
			Average Calculation for Mass Emissions	

A1 - Nitrous Oxide

3600	3600	3600	3600	3600
0	0	0	0	0
0	0	0	0	0
0.00	**0.00**	**0.00**	**0.00**	**0.00**
			EA Calculation for Mass Emission	
			Average Calculation for Mass Emissions	

ssion is reported at reference conditions then to maintain continuity the volumetric flow rates used to calculate
has decreased significantly compared to the initial calculations. the mass emission values obtained are from th
sents. The second method of calculation averages the dioxin results and volumetric flow rates for the year and
loweer results

	Totals
	#DIV/0!
3600	3600
	0
	#DIV/0!
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3600	3600
	0
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A1 - A

Date of Test				
Run time				
Result mg/m3*				
	3600	3600	3600	3600
Hours Run				
Volumetric Flow*				
	0	0	0	0
Result g	0	0	0	0
Mass Emission (mg)	**0.00**	**0.00**	**0.00**	**0.00**
***Reference Conditions 273K, 101.3kPa, 11% Oxygen, Dry Gas.**				

A1 - Sulp

Run time				
Result mg/m3*				
	3600	3600	3600	3600
Hours Run				
Volumetric Flow*				
	0	0	0	0
Result g	0	0	0	0
Mass Emission (mg)	**0.00**	**0.00**	**0.00**	**0.00**
***Reference Conditions 273K, 101.3kPa, 11% Oxygen, Dry Gas.**				

Initial calculations used volumetric flow rates at stack conditions, however as the emission is reported at r
the year should also use reference conditions. This explains why the mass emission has decreased signi
calculating the mass emission for individual results and the run time that result represents. The second m
mass emissions. Clearly the EA's method for calculating the mass emission yields a loweer results

ammonia

3600	3600	3600	3600	3600
0	0	0	0	0
0	0	0	0	0
0.00	**0.00**	**0.00**	**0.00**	**0.00**
		EA Calculation for Mass Emission		**0.00**
		Average Calculation for Mass Emissions		**#DIV/0!**

hur Dioxide

3600	3600	3600	3600	3600
0	0	0	0	0
0	0	0	0	0
0.00	**0.00**	**0.00**	**0.00**	**0.00**
		EA Calculation for Mass Emission		**0.00**
		Average Calculation for Mass Emissions		**#DIV/0!**

reference conditions then to maintain continuity the volumetric flow rates used to calculate mass emission for
ficantly compared to the initial calculations. the mass emission values obtained are from the EA's method
ıethod of calculation averages the dioxin results and volumetric flow rates for the year and calculates teh

Totals
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Date of Test			
Run time			
Result mg/m3*			
	3600	3600	3600
Hours Run			
Volumetric Flow*			
	0	0	0
Result g	0	0	0
Mass Emission (mg)	**0.00**	**0.00**	**0.00**

***Reference Conditions 273K, 101.3kPa, 11% Oxygen, Dry Gas.**

Run time			
Result mg/m3*			
	3600	3600	3600
Hours Run			
Volumetric Flow*			
	0	0	0
Result g	0	0	0
Mass Emission (mg)	**0.00**	**0.00**	**0.00**

***Reference Conditions 273K, 101.3kPa, 11% Oxygen, Dry Gas.**

Initial calculations used volumetric flow rates at stack conditions, however as the emi
the year should also use reference conditions. This explains why the mass emission
calculating the mass emission for individual results and the run time that result repres
mass emissions. Clearly the EA's method for calculating the mass emission yields a

A1 - Carbon Monoxide

3600	3600	3600	3600	3600
0	0	0	0	0
0	0	0	0	0
0.00	**0.00**	**0.00**	**0.00**	**0.00**
			EA Calculation for Mass Emission	
			Average Calculation for Mass Emissions	

1 - Cadmium & Thalium

3600	3600	3600	3600	3600
0	0	0	0	0
0	0	0	0	0
0.00	**0.00**	**0.00**	**0.00**	**0.00**
			EA Calculation for Mass Emission	
			Average Calculation for Mass Emissions	

ssion is reported at reference conditions then to maintain continuity the volumetric flow rates used to calculate
has decreased significantly compared to the initial calculations. the mass emission values obtained are from th
sents. The second method of calculation averages the dioxin results and volumetric flow rates for the year and
loweer results

	Totals
	#DIV/0!
3600	3600
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	Totals
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mass emission for
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Date of Test			
Run time			
Result mg/m3*			
	3600	3600	3600
Hours Run			
Volumetric Flow*			
	0	0	0
Result g	0	0	0
Mass Emission (mg)	**0.00**	**0.00**	**0.00**

***Reference Conditions 273K, 101.3kPa, 11% Oxygen, Dry Gas.**

Run time			
Result mg/m3*			
	3600	3600	3600
Hours Run			
Volumetric Flow*			
	0	0	0
Result g	0	0	0
Mass Emission (mg)	**0.00**	**0.00**	**0.00**

***Reference Conditions 273K, 101.3kPa, 11% Oxygen, Dry Gas.**

Initial calculations used volumetric flow rates at stack conditions, however as the emi
the year should also use reference conditions. This explains why the mass emission
calculating the mass emission for individual results and the run time that result repres
mass emissions. Clearly the EA's method for calculating the mass emission yields a

A1 - Mercury

3600	3600	3600	3600	3600
0	0	0	0	0
0	0	0	0	0
0.00	**0.00**	**0.00**	**0.00**	**0.00**
			EA Calculation for Mass Emission	
			Average Calculation for Mass Emissions	

A1 - Heavy Metals

3600	3600	3600	3600	3600
0	0	0	0	0
0	0	0	0	0
0.00	**0.00**	**0.00**	**0.00**	**0.00**
			EA Calculation for Mass Emission	
			Average Calculation for Mass Emissions	

ssion is reported at reference conditions then to maintain continuity the volumetric flow rates used to calculate
has decreased significantly compared to the initial calculations. the mass emission values obtained are from th
sents. The second method of calculation averages the dioxin results and volumetric flow rates for the year and
loweer results

	Totals
	#DIV/0!
3600	3600
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mass emission for
ıe EA's method
calculates teh

Date of Test			
Run time			
Result mg/m3*			
	3600	3600	3600
Hours Run			
Volumetric Flow*			
	0	0	0
Result g	0	0	0
Mass Emission (mg)	**0.00**	**0.00**	**0.00**

****Reference Conditions 273K, 101.3kPa, 11% Oxygen, Dry Gas.**

Run time			
Result mg/m3*			
	3600	3600	3600
Hours Run			
Volumetric Flow*			
	0	0	0
Result g	0	0	0
Mass Emission (mg)	**0.00**	**0.00**	**0.00**

****Reference Conditions 273K, 101.3kPa, 11% Oxygen, Dry Gas.**

Initial calculations used volumetric flow rates at stack conditions, however as the emi
the year should also use reference conditions. This explains why the mass emission
calculating the mass emission for individual results and the run time that result repres
mass emissions. Clearly the EA's method for calculating the mass emission yields a

A1 - PCB's

3600	3600	3600	3600	3600
0	0	0	0	0
0	0	0	0	0
0.00	**0.00**	**0.00**	**0.00**	**0.00**
			EA Calculation for Mass Emission	
			Average Calculation for Mass Emissions	

A1 - Dioxin & Furans

3600	3600	3600	3600	3600
0	0	0	0	0
0	0	0	0	0
0.00	**0.00**	**0.00**	**0.00**	**0.00**
			EA Calculation for Mass Emission	
			Average Calculation for Mass Emissions	

ssion is reported at reference conditions then to maintain continuity the volumetric flow rates used to calculate
has decreased significantly compared to the initial calculations. the mass emission values obtained are from th
sents. The second method of calculation averages the dioxin results and volumetric flow rates for the year and
loweer results

	Totals
	#DIV/0!
3600	3600
	0
	#DIV/0!
0	#DIV/0!
0	#DIV/0!
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	Totals
	#DIV/0!
3600	3600
	0
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0.00	
0.00000	
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mass emission for
ıe EA's method
calculates teh

A1

Date of Test				
Run time				
Result mg/m3*				
	3600	3600	3600	3600
Hours Run				
Volumetric Flow*				
	0	0	0	0
Result g	0	0	0	0
Mass Emission (mg)	**0.00**	**0.00**	**0.00**	**0.00**
***Reference Conditions 273K, 101.3kPa, 11% Oxygen, Dry Gas.**				

Initial calculations used volumetric flow rates at stack conditions, however as the emission is reported at r
the year should also use reference conditions. This explains why the mass emission has decreased signi
calculating the mass emission for individual results and the run time that result represents. The second m
mass emissions. Clearly the EA's method for calculating the mass emission yields a loweer results

- PAH

3600	3600	3600	3600	3600
0	0	0	0	0
0	0	0	0	0
0.00	**0.00**	**0.00**	**0.00**	**0.00**
		EA Calculation for Mass Emission		**0.0000**
		Average Calculation for Mass Emissions		**#DIV/0!**

reference conditions then to maintain continuity the volumetric flow rates used to calculate mass emission for
fficantly compared to the initial calculations. the mass emission values obtained are from the EA's method
nethod of calculation averages the dioxin results and volumetric flow rates for the year and calculates teh

Totals
#DIV/0!
3600
0
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