



Client:	Arada
Model:	Farringdon 16
Tracking No.:	75
Project No.:	035-S-075-1
Test Dates:	2/14/17 - 2/17/17

Run Number	(kg/hr) Burn Rate	(g/hr) Emmissions Rate
1	0.59	0.9
2	0.77	1.1
3	0.98	2.0
4	1.29	1.5
5	2.01	1.7

Total Runs: 5

EPA Method 28 - Weighted Average



Weighted Average: **1.5** (g/hr)

Client: Arada
Model: Farrington 16
Tracking No.: 75
Project No.: 035-S-075-1
Test Dates: 2/14/17 - 2/17/17

Burn Rate Category	1
Burn Rate (kg/hr-dry)	0.59
Emissions Rate (g/hr)	0.9
Emissions Rate Cap (g/hr)	15
Weighting Factor	10.96%
Run Number	1

Burn Rate Category	1
Burn Rate (kg/hr-dry)	0.77
Emissions Rate (g/hr)	1.1
Emissions Rate Cap (g/hr)	15
Weighting Factor	14.42%
Run Number	2

Burn Rate Category	2
Burn Rate (kg/hr-dry)	0.98
Emissions Rate (g/hr)	2.0
Emissions Rate Cap (g/hr)	15
Weighting Factor	22.65%
Run Number	3

Burn Rate Category	3
Burn Rate (kg/hr-dry)	1.29
Emissions Rate (g/hr)	1.5
Emissions Rate Cap (g/hr)	15
Weighting Factor	30.52%
Run Number	4

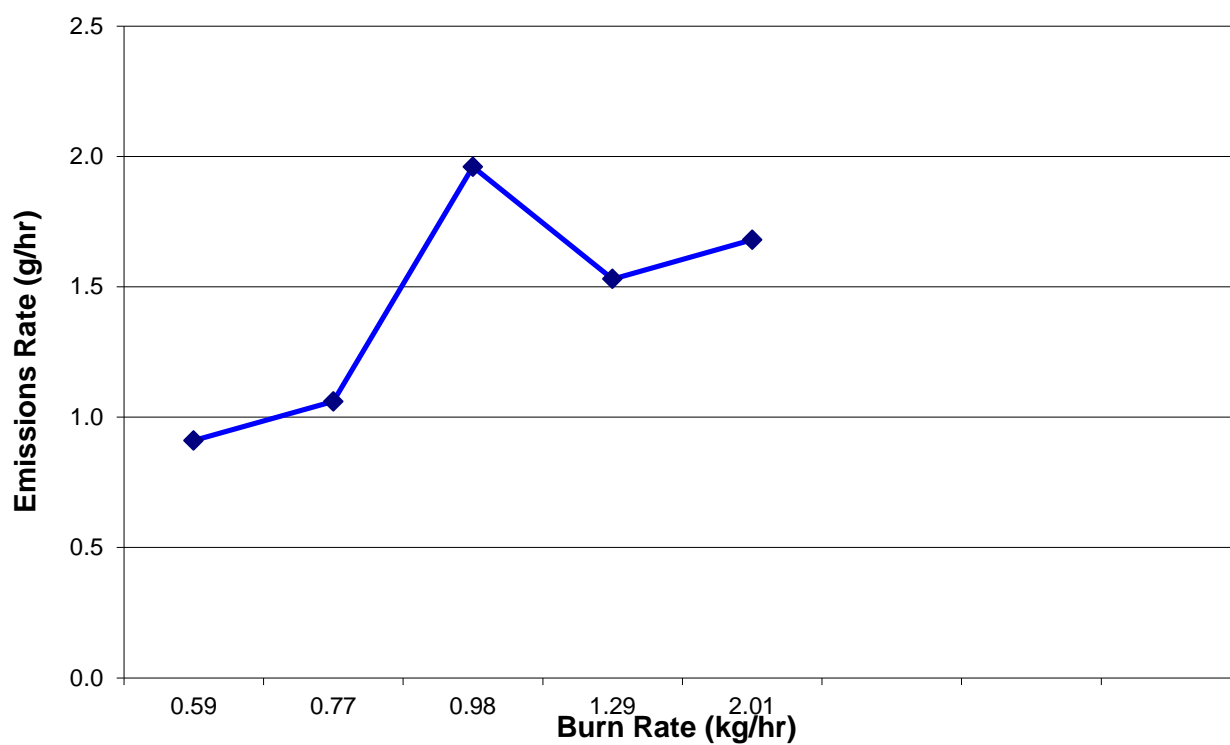
Burn Rate Category	4
Burn Rate (kg/hr-dry)	2.01
Emissions Rate (g/hr)	1.7
Emissions Rate Cap (g/hr)	18
Weighting Factor	21.45%
Run Number	5

EPA Method 28 - Weighted Average



Client: Arada
Model: Farrington 16
Tracking No.: 75
Project No.: 035-S-075-1
Test Dates: 2/14/17 - 2/17/17

EPA Method 28 - Weighted Average





Test No.	Burn Rate	Pi	Ei	Ki	KiEi	Burn Rate (kg/hr-dry)	Cum. Probability (P)
1	0.59	0.097	0.9	0.199	0.18	0.00	0.0000
2	0.77	0.199	1.1	0.262	0.28	0.01	0.0004
3	0.98	0.359	2.0	0.411	0.81	0.02	0.0008
4	1.29	0.610	1.5	0.554	0.85	0.03	0.0012
5	2.01	0.914	1.7	0.390	0.65	0.04	0.0016
0	5.00	1.000	0.0	0.000	0.00	0.05	0.0020
0	5.00	1.000	0.0	0.000	0.00	0.06	0.0030
0	5.00	1.000	0.0	0.000	0.00	0.07	0.0040
		1.000		1.816	2.77	0.08	0.0050
						0.09	0.0060
						0.10	0.0070
						0.11	0.0080
						0.12	0.0090
						0.13	0.0100
						0.14	0.0110
						0.15	0.0120
						0.16	0.0128
						0.17	0.0136
						0.18	0.0144
						0.19	0.0152
						0.20	0.0160
						0.21	0.0170

Nomenclature:

Pi = Probability for burn rate during test run

Ei = Emissions Rate for test run

Ki = Test run weighting factor

|