

Project Title	MVV EfW CHP facility
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Date	26.02.15
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Work Stage	Commissioning - Pre Steam Blowing
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Operator	DE
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Location Ref.	N/A
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Start Time	11:35
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Location Address	Football Pitch- Corner of Poole Park Road and Savage Road
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Stop Time	12:05
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Equipment set up


SLM	SLM serial no		Mic Serial no	
1	B&K 2238	✓		

Calibrator	Cal serial no.	
B&K 4231		✓

Equipment checklist		
Check date and time		✓
Wind shield correction		✓
Correction set to frontal		✓
Logging period	1min	✓
Available memory		✓
Battery voltage		✓
Internal battery removed		x
Mic height above ground	1.5	✓
Distance from façade/Free Field	FF	✓

System calibration check	
Calibration level at start	93.3
Calibration level at end	93.3
Lowest Noise Level*	33.1

**To check lowest noise leave the calibrator on the microphone and switch off the calibrator. Wait until settled (ideal <30dB). If possible use a dummy microphone.*

Set up checked
Signed: 

Equipment performance OK?
start: ✓
end: ✓

Weather Conditions	Start	End
Wind Speed	2.0ms	2.0ms
Wind Direction *	N	N
Cloud cover (in 1/8ths)	7/8th	4/8th
Temperature	9oC	9oC
Other notes	Some strong gusts	

ms ⁻¹	mph	Description	Effects
0.0-0.4	0-1	Calm	smoke rises vertically
0.4-1.3	1-3	Light air	smoke drifts in wind
1.8-3.1	4-7	Light Breeze	leaves rustle/wind felt on face
3.6-5.0	8-11	Gentle Breeze	small twigs in constant motion
5.0+	11.2+	DO NOT MEASURE ABOVE THIS SPEED	

Subjective Assessment of Noise Environment

Dominant Noise:
Road traffic - Savage Road and Poole Park Road
Humming noise from the facility

Secondary Noise:

Trains
Construction noise
Pedestrians

Additional Notes (record any information pertinent to the measured noise levels)

Pre-steam blowing noise monitoring

BREAKDOWN OF RESULTS - 5 Minute Periods					
Start time	Duration	LAeq (dB)	LAFmax (dB)	LAF90 (dB)	Notes
26/02/2015 11:35	01:00.0	55.3	60.3	52.5	
26/02/2015 11:36	01:00.0	53.7	59.5	51	
26/02/2015 11:37	01:00.0	55.9	64.5	51.5	
26/02/2015 11:38	01:00.0	53.5	57.8	51	
26/02/2015 11:39	01:00.0	53.6	61.6	50.5	
26/02/2015 11:40	01:00.0	53.6	60.8	50	
26/02/2015 11:41	01:00.0	55.3	60.2	52	
26/02/2015 11:42	01:00.0	57.7	68.4	50	
26/02/2015 11:43	01:00.0	53.1	58.5	49	
26/02/2015 11:44	01:00.0	53	58.6	50	
26/02/2015 11:45	01:00.0	53.4	59.7	50	
26/02/2015 11:46	01:00.0	52	56.6	48.5	
26/02/2015 11:47	01:00.0	52.2	57.1	49.5	
26/02/2015 11:48	01:00.0	52.9	59.7	50	
26/02/2015 11:49	01:00.0	53.3	59.8	51.5	
26/02/2015 11:50	01:00.0	58.7	65.5	52	
26/02/2015 11:51	01:00.0	54.1	58.8	50.5	
26/02/2015 11:52	01:00.0	54.9	60.5	50.5	
26/02/2015 11:53	01:00.0	53.9	58.7	51.5	
26/02/2015 11:54	01:00.0	54.3	58.8	52	
26/02/2015 11:55	01:00.0	54.1	71.7	48.5	
26/02/2015 11:56	01:00.0	54.7	59.7	51.5	
26/02/2015 11:57	01:00.0	54.6	59.8	50.5	
26/02/2015 11:58	01:00.0	54.9	62.1	52	
26/02/2015 11:59	01:00.0	53.8	60.3	50	
26/02/2015 12:00	01:00.0	53.2	62.7	48.5	
26/02/2015 12:01	01:00.0	52.9	62.2	49.5	
26/02/2015 12:02	01:00.0	53.7	57.4	51.5	
26/02/2015 12:03	01:00.0	52.8	58	50	
26/02/2015 12:04	01:00.0	54.7	63.2	50.5	
		54	72		

RESULTS

Estimated LAeq,1hr (adjusted to account for extraneous off-site noise sources) (Free-Field)	54
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