

Notes to the recipient

This compliance report form may highlight non-compliance with your permit or directly applicable legislation as observed by the Environment Agency officer.

This does not relieve the site operator of their responsibility to ensure that they comply with the permit and to prevent pollution of the environment. You are also reminded that:

- you should comply with the conditions of the permit at all times
- compliance with the permit does not remove your obligation to comply with other legislative provisions which may apply.

Understanding the Compliance Assessment Summary

a) Permitted activities	1	Specified by permit
b) Infrastructure	1	Engineering for prevention and control of emissions
	2	Closure and decommissioning
	3	Site drainage engineering (clean and foul)
	4	Containment of stored materials
	5	Plant and equipment
c) General management	1	Staff competency/training
	2	Management system and operating procedures
	3	Materials acceptance
	4	Storage, handling, labelling and segregation
d) Incident management	1	Site security
	2	Accident, emergency and incident planning
e) Emissions	1	Air
	2	Land and groundwater
	3	Surface water
	4	Sewer
	5	Waste
f) Amenity	1	Odour
	2	Noise
	3	Dust/fibres/particulates and litter
	4	Pests, birds and scavengers
	5	Deposits on road
g) Monitoring and records, maintenance and reporting	1	Monitoring of emissions and environment
	2	Records of activity, site diary/journal/ events
	3	Maintenance records
	4	Reporting and notification to the Environment Agency
h) Resource efficiency	1	Efficient use of raw materials
	2	Energy efficiency

The term 'permit' for the purposes of this form includes: licences, authorisations and consents.

Understanding your non-compliance scores

Non-compliance findings are classified using our published Compliance Classification Scheme, (CCS).

This scheme categorises breaches of permit conditions based on their potential for environmental impact as shown below. If you wish to discuss further any comments made by the officer on this form, contact your local area office or for more details of the CCS scheme, see the Environment Agency's website or contact your local office.

CCS category	Description	Score
1	A non-compliance which has a potentially major environmental effect	60
2	A non-compliance which has a potentially significant environmental effect	31
3	A non-compliance which has a potentially minor environmental effect	4
4	A non-compliance which has no potential environmental effect	1

Corrective action

We have various options to ensure that you correct actual or potential non-compliance. We may

- advise on corrective actions, verbally or in writing and require you to take specific actions, by letter or by issuing a notice.
- require you to review your procedures or management systems
- change some of the conditions of your permit
- decide to undertake a full review of your permit

Any breach of a permit is an offence, and we may take legal action:

- We will normally provide advice/guidance to assist operators back into compliance. However, other than for a very minor offence this will normally be in conjunction with another enforcement response.
- Where we have issued a written warning this does not preclude us from taking additional enforcement action if further relevant information comes to light. Such action includes the issue of a formal caution, taking a prosecution and/or the service of a notice.

We have published our Enforcement and Prosecution Policy which seeks to achieve a consistent approach to enforcement across all our regulated activities.

Operational Risk Appraisal (Opra)

Compliance assessment findings may affect your Opra score. This score determines your charge and affects the allocation of our resources to check your compliance with the permit.

Data protection notice

The Environment Agency is responsible for regulating environmental protection, flood defence, water resources and fisheries. It has a duty to discharge its functions to protect and enhance the environment and to promote conservation and recreation. The information provided will be processed by the Environment Agency to fulfill its regulatory and monitoring functions, and to maintain the relevant public register(s). The Environment Agency may also use and/or disclose it in connection with:

- offering/providing you with its literature/services relating to environmental matters
- consulting with the public, public bodies and other organisations (e.g. Health and Safety Executive, local authorities, emergency services) on environmental issues
- carrying out statistical analysis, research and development on environmental issues
- providing public register information to enquirers
- investigating possible breaches of environmental law and taking any resulting action
- preventing breaches of environmental law
- assessing customer service satisfaction and improving its service
- Freedom of Information Act/Environmental Information Regulations request.

The Environment Agency may pass it on to its agents/representatives to do these things on its behalf. You should ensure that any persons named on this form are informed of the contents of this data protection notice.

Disclosure of information

The Environment Agency will provide a copy of this report to the public register(s). However, if you consider that any information contained in this report should not be released to the public register(s) on the grounds of commercial confidentiality, you must write to your local area office within twenty working days of receipt of the assessment form indicating which information it concerns and why it should not be released, giving your reasons in full.

Customer charter – What can I do if I disagree with the compliance assessment report?

If you are unable to resolve the issue with your site officer, you should firstly discuss the matter with the officer's line manager, Area Environment Manager or Area Manager. If you wish to raise your dispute further, this can be done through our official Complaints and Commendations procedure phone our general enquiry number 08708 506506 (Mon to Fri 08.00–18.00) and ask for the Customer Contact team, alternatively you can send an email to enquiries@environment-agency.gov.uk. If, after following our Complaints and Commendations procedure, you are still dissatisfied, you can make a complaint to the Ombudsman. For advice on how to complain to the Parliamentary Ombudsman phone their helpline on 0345 015 4033.

Reference: JP3132LH

Operator: Waste Gas Technology UK Ltd

Installation: Isle of Wight Energy from Waste Form Number: Agency Form / JP3132LH / A3 / Form dated 07/11/2006

PARTICULATES (DUST)

Reporting of Continuously Monitored Emissions to Air for the month of January, 2012

Monthly summary		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Half-Hourly average		Half-hourly average ELV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monthly maximum	0.24	Maximum half-hourly average	-	-	-	-	-	-	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Monthly mean	0.17	Mean half-hourly average	-	-	-	-	-	-	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Monthly minimum	0.11	Minimum half-hourly average	-	-	-	-	-	-	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Total invalid results	0	No. of invalid results	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sum of exceedances	-	No. of exceedances of ELV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Daily average		Daily average ELV	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
		Daily Average	-	-	-	-	-	-	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Monthly maximum	0.18		-	-	-	-	-	-	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
No. Of invalid days	0	Value valid? (Y/N)	-	-	-	-	-	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Sum of exceedances	0	Value exceeds ELV (Y/N)	-	-	-	-	-	-	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Signed Trevor Spokes

Date 01.02.12

(Authorised to sign as representative of the Operator)

Permit Reference Number: JP3132LH

Operator: Waste Gas Technology UK Ltd

Installation: Isle of Wight Energy from Waste
07/11/2006

Form Number: Agency Form / JP3132LH / A4 / Form dated

HYDROGEN CHLORIDE

Reporting of Continuously Monitored Emissions to Air for the month of January, 2012

Monthly summary		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Half-hourly average		Half-hourly average ELV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Monthly maximum	23.9	Maximum half hourly average	-	-	-	-	-	6.	5.	16	23	12	14	21	3.	4.	4.	5.	10	4.	-	-	3.	3.	6.	6.	7.	5.	2.	1.	1.	2.	8.
	Monthly mean	3.35	Mean half hourly average	-	-	-	-	-	3.	4.	5.	6.	5.	5.	4.	3.	3.	2.	4.	4.	3.	-	2.	2.	2.	2.	2.	2.	1.	1.	1.	1.	2.	
	Monthly minimum	0.70	Minimum half hourly average	-	-	-	-	-	1.	3.	2.	4.	4.	3.	2.	2.	2.	1.	2.	3.	2.	-	2.	1.	1.	1.	1.	1.	1.	1.	1.	0.	1.	
	Total invalid results	0	No. of invalid results	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	
	Sum of exceedances	-	No. of exceedances of ELV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Daily average		Daily average ELV	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
		Daily Average	-	-	-	-	-	3.	4.	5.	6.	5.	5.	4.	3.	3.	2.	4.	4.	3.	-	2.	2.	2.	2.	2.	2.	1.	1.	1.	1.	2.		
	Monthly maximum	6.16		-	-	-	-	-	99	59	11	16	35	71	16	47	56	83	02	46	12	-	48	66	48	43	72	35	74	34	41	36	96	
	No. of invalid days	0	Value Valid? (Y/N)	-	-	-	-	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
Sum of exceedances	0	Value exceeds ELV (Y/N)	-	-	-	-	-	N	N	N	N	N	N	N	N	N	N	N	N	N	-	N	N	N	N	N	N	N	N	N	N	N		

Signed Trevor Spokes

Date 01.02.12

(Authorised to sign as representative of the Operator)

Permit Reference: JP3132LH

Operator: Waste Gas Technology UK Ltd

Installation: Isle of Wight Energy from Waste Form Number: Agency Form / JP3132LH / A5 / Form dated 07/11/2006

TOC

Reporting of Continuously Monitored Emissions to Air for the month of January, 2012

Monthly summary		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Half-hourly average		Half-hourly average ELV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Monthly maximum	25.0	Maximum half hourly average	-	-	-	-	-	0.	0.	0.	0.	0.	0.	4.	0.	0.	2.	0.	0.	0.	-	0.	0.	25	0.	3.	0.	5.	1.	1.	1.	0.	
	Monthly mean	0.60	Mean half hourly average	-	-	-	-	-	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-	0.	0.	2.	0.	0.	0.	1.	0.	0.	0.	0.	
	Monthly minimum	0.09	Minimum half hourly average	-	-	-	-	-	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	Total invalid results	0	No. of invalid results	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
	Sum of exceedances	-	No. of exceedances of ELV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Daily average		Daily average ELV	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
		Daily Average	-	-	-	-	-	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-	0.	0.	2.	0.	0.	0.	1.	0.	0.	0.	0.	
	Monthly maximum	2.13		-	-	-	-	-	10	10	10	40	53	51	72	47	28	54	50	40	37	-	40	59	13	62	73	63	06	94	99	77	65	
	No. of invalid days	0	Value valid? (Y/N)	-	-	-	-	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Sum of exceedances	0	Value exceeds ELV (Y/N)	-	-	-	-	-	N	N	N	N	N	N	N	N	N	N	N	N	N	N	-	N	N	N	N	N	N	N	N	N	N	N	

Signed Trevor Spokes

Date 01.02.12

(Authorised to sign as representative of the Operator)

Permit Reference: JP3132LH

Operator: Waste Gas Technology UK Ltd

Installation: Isle of Wight Energy from Waste Form Number: Agency Form / JP3132LH / A6 / Form dated 07/11/2006

CARBON MONOXIDE

Reporting of Continuously Monitored Emissions to Air for the month of January, 2012

Monthly summary		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Half-hourly average		Half-hourly average ELV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monthly maximum	1243	Maximum half hourly average	-	-	-	-	-	-	5.	9.	6.	5.	4.	5.	11	5.	5.	55	5.	5.	4.	-	4.	5.	12	5.	21	3.	6.	4.	3.	5.	5.
Monthly mean	5.98	Mean half hourly average	-	-	-	-	-	-	4.	4.	4.	3.	3.	4.	6.	4.	4.	5.	3.	3.	3.	-	3.	3.	44	4.	9.	2.	4.	4.	3.	3.	4.
Monthly minimum	1.74	Minimum half hourly average	-	-	-	-	-	-	3.	3.	3.	3.	3.	3.	3.	3.	3.	2.	1.	3.	2.	-	3.	3.	3.	3.	3.	1.	1.	3.	2.	3.	3.
Total invalid results	0	No. of invalid results	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sum of exceedances	-	No. of exceedances of ELV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Daily average		Daily average ELV	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
		Daily Average	-	-	-	-	-	-	4.	4.	4.	3.	3.	4.	6.	4.	4.	5.	3.	3.	3.	-	3.	3.	44	4.	9.	2.	4.	4.	3.	3.	4.
Monthly maximum	44.3		-	-	-	-	-	-	88	17	16	92	71	46	08	31	45	02	92	96	51	-	77	73	.3	31	03	31	15	21	34	82	01
No. of invalid days	0	Value valid? (Y/N)	-	-	-	-	-	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Sum of exceedances	0	Value exceeds ELV (Y/N)	-	-	-	-	-	-	N	N	N	N	N	N	N	N	N	N	N	N	N	-	N	N	N	N	N	N	N	N	N	N	N

Signed Trevor Spokes

Date 01.02.12

(Authorised to sign as representative of the Operator)

Permit Reference: JP3132LH

Operator: Waste Gas Technology UK Ltd

Installation: Isle of Wight Energy from Waste

Form Number: Agency Form / JP3132LH / A7 / Form dated 07/11/2006

SULPHUR DIOXIDE

Reporting of Continuously Monitored Emissions to Air for the month of January, 2012

Monthly summary		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Half Hourly average		Half-hourly average ELV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monthly maximum	1.65	Maximum half-hourly average	-	-	-	-	-	-	0.55	0.24	0.48	1.53	1.54	1.24	0.60	0.35	0.89	1.65	0.74	0.73	0.11	-	0.57	0.82	1.22	0.86	1.02	1.13	0.69	0.59	1.01	0.33	0.99
Monthly mean	0.10	Mean half-hourly average	-	-	-	-	-	-	0.09	0.09	0.11	0.12	0.11	0.11	0.08	0.08	0.10	0.17	0.08	0.10	0.10	-	0.11	0.11	0.18	0.11	0.15	0.11	0.10	0.13	0.10	0.09	0.09
Monthly minimum	0.04	Minimum half-hourly average	-	-	-	-	-	-	0.07	0.07	0.08	0.08	0.07	0.07	0.06	0.05	0.07	0.07	0.05	0.08	0.08	-	0.09	0.09	0.04	0.08	0.09	0.08	0.07	0.07	0.07	0.07	0.06
Total invalid results	0	No. of invalid results	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
Sum of exceedances	-	No. of exceedances of ELV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Daily average		Daily average ELV	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	
		Daily Average	-	-	-	-	-	-	0.09	0.09	0.11	0.12	0.11	0.11	0.08	0.08	0.10	0.17	0.08	0.10	0.10	-	0.11	0.11	0.18	0.11	0.15	0.11	0.10	0.13	0.10	0.09	0.09
Monthly maximum	0.18		-	-	-	-	-	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
No. of invalid days	0	Value valid? (Y/N)	-	-	-	-	-	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Sum of exceedances	0	Value exceeds ELV (Y/N)	-	-	-	-	-	-	N	N	N	N	N	N	N	N	N	N	N	N	N	-	N	N	N	N	N	N	N	N	N	N	

Signed Trevor Spokes

Date 01.02.12

(Authorised to sign as representative of the Operator)

Permit Reference: JP3132LH

Operator: Waste Gas Technology UK Ltd

Installation: Isle of Wight Energy from Waste

Form Number: Agency Form / JP3132LH / A8 / Form dated 07/11/2006

NITROGEN DIOXIDE

Reporting of Continuously Monitored Emissions to Air for the month of January, 2012

Monthly summary		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Half Hourly average		Half-hourly average ELV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Monthly maximum	371	Maximum half-hourly average	-	-	-	-	-	-	23	23	22	21	23	24	24	22	25	24	19	21	23	-	24	23	20	24	29	20	24	22	20	22	371
	Monthly mean	169	Mean half-hourly average	-	-	-	-	-	-	18	15	17	18	18	17	17	17	18	17	16	15	15	-	18	17	14	16	16	16	17	15	16	177	
	Monthly minimum	46.3	Minimum half-hourly average	-	-	-	-	-	-	85	13	13	16	15	14	13	15	16	67	13	13	12	-	14	13	45	12	10	13	12	14	13	12	146
	Total invalid results	0	No. of invalid results	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
	Sum of exceedances	-	No. of exceedances of ELV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Daily average		Daily average ELV	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	
		Daily Average	-	-	-	-	-	-	18	15	17	18	18	17	17	17	18	17	16	15	15	-	18	17	14	16	16	16	16	17	15	16	177	
	Monthly maximum	188		-	-	-	-	-	4	5	4	8	2	8	6	3	6	2	3	9	4	-	4	3	7	9	4	0	9	0	0	7		
	No. of invalid days	0	Value valid? (Y/N)	-	-	-	-	-	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
	Sum of exceedances	0	Value exceeds ELV (Y/N)	-	-	-	-	-	-	N	N	N	N	N	N	N	N	N	N	N	N	N	-	N	N	N	N	N	N	N	N	N	N	N

Signed Trevor Spokes

Date 01.02.12

(Authorised to sign as representative of the Operator)

Schedule 6 - Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

Where the notification is for a period of abnormal operation as required by condition 4.3.1(d), only the information in Part C is required.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

Part A

Permit Number	JP3132LH
Name of operator	Waste Gas Technology UK Ltd
Location of installation	Newport Isle of Wight
Time and date of the detection	1200 hrs, 10.08.11 (e-mailed report)

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution

To be notified within 24 hours of detection

Date and time of the event	0840 - 1140 hrs / 1200 – 1500 hrs, 21.07.11 (e-mailed report)
Reference or description of the location of the event	Monitoring Point A1 site chimney
Description of where any release into the environment took place	Chimney Emissions
Substances(s) potentially released	Dioxin
Best estimate of the quantity or rate of release of substances	Analysis of a sample taken on this date indicates a Release Rate 0.1951 ng/m3 from Periodic Monitoring of Emissions to Air Report
Measures taken, or intended to be taken, to stop any emission	Shutdown of Plant on receipt of analytical results, with investigation to follow into cause of event
Description of the failure or accident.	Dioxin levels reported in Periodic Monitoring of Emissions to Air Report.

(b) Notification requirements for the breach of a limit

To be notified within 24 hours of detection unless otherwise specified below

Emission point reference/ source	Monitoring Point A1 site chimney
Parameter(s)	Dioxin
Limit	0.1 ng/m3 WHO-ITEQ
Measured value and uncertainty	0.1951 ng/m3, 0.0397
Date and time of monitoring	21.07.11, 0840 – 1140 hrs, 1200 - 1500 hrs

Measures taken, or intended to be taken, to stop the emission	Plant shut-down, with an investigation into operation of abatement system, with Plant operational data and Emission recording data being reviewed.
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Time periods for notification following detection of a breach of a limit	
Parameter	Notification period
Dioxin	On receipt of results

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	Laboratory analysis of sample taken from Monitoring point A1 site chimney
Substances(s) detected	Dioxin
Concentrations of substances detected	0.1951 ng/m3
Date of monitoring/sampling	21.07.11

Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	<p>This result identified a non-compliant level of dioxins in the flue gas which was not consistent with the previous five (5) or subsequent five (5) compliant results. The plant, and specifically the bag filter, had been operating well resulting in very low dust levels. In addition the halide compounds were well within the limit values demonstrating that more than sufficient lime was being employed. As a pre-mix of lime and carbon was being utilised this also demonstrated that carbon was being added in sufficient quantities. Again this was confirmed by the very low concentration of mercury measured in the stack gases.</p> <p>Previous and post within ELV test results:</p> <p>0.0403 – 18th Nov 2010 0.0940 – 18th Jan 2011 0.0680 – 27th Jan 2011 0.0980 – 1st Feb 2011 0.0600 – 15th Mar 2011</p> <p>0.1900 – 21st Jul 2011</p> <p>0.0356 – 7th Sep 2011 0.0439 – 8th Sep 2011 0.0402 – 9th Sep 2011 0.0205 – 4th Oct 2011 0.0118 – 11th Nov 2011</p>
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<p>Measures taken, or intended to be taken, to prevent a recurrence of the incident</p>	<p>The plant was immediately shutdown on being advised of the non-compliant result.</p> <p>An exhaustive review was undertaken of the operation of the plant, in particular the abatement facilities using the extensive historically data that is collected and retained on the control system computer. Technical staff from Norway analysed the data and confirmed that the bag filter had been operating well and also that the operation of the thermal processes was also good.</p> <p>All the historic data confirmed that the plant was operating well.</p> <p>The contractors sampling records were also reviewed as well as the detailed analytical records. These showed that the appropriate procedures had been followed.</p> <p>The results of the investigation were reviewed with the EA in a formal meeting and it was concluded that it had not been possible to identify any potential cause of the plant emitting a non-compliant concentration of dioxins. It was noted that due to the demanding accuracy of the test that occasional rogue results were to be expected.</p> <p>It was therefore agreed that the plant would re-start and carryout an immediate re-test program with attest being undertaken on three consecutive days and the results being obtained on the highest priority. It was noted that the carbon addition rate was to remain at the current level.</p> <p>All three results from this program were compliant and all subsequent tests have also been compliant.</p> <p>Sampling of the flue gas up-stream of the abatement equipment showed that the bag filter was operating at 99.6 % efficiency and that the level of dioxins at the entry to the filter was low.</p> <p>It can therefore be concluded that the plant could not have caused a non-compliant concentration of dioxins.</p>
<p>Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission</p>	<p>The plant will continue to be operated with all parameters controlled and monitored.</p> <p>No specific actions have been taken, or are planned to be taken, as the non-compliant dioxin result did not emanate from the plant itself.</p>
<p>The dates of any unauthorised emissions from the</p>	<ul style="list-style-type: none"> • 4th March 2010

installation in the preceding 24 months.	<ul style="list-style-type: none"> • 10th to 13th May 2010 • 7th to 10th June 2010 • 20th & 21st August 2010 • 12th October 2010 • 5th February 2011 (approach to breach) • 8th April 2011 (Mercury) • 9th July 2011 (HCL)
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Part C

Permit Number	
Name of operator	
Location of installation	

For multi-line plants, indicate which line(s) was (were) subject to abnormal operation.								
Time at which abnormal operation commenced								
Time at which abnormal operation ceased								
Duration of this incidence of abnormal operation								
Cumulative abnormal operation duration in current year (at end of present incidence)								
Reasons for abnormal operation								
How did the abnormal operation end? (e.g. plant repaired, reaching maximum permitted duration, initiation of shutdown, etc.)								
Where abatement plant has failed, give the half-hourly average emissions for pollutants of relevance during the abnormal operation in the rows below								
Pollutant	1 st ½ hour	2 nd ½ hour	3 rd ½ hour	4 th ½ hour	5 th ½ hour	6 th ½ hour	7 th ½ hour	8 th ½ hour

Name*	Trevor Spokes
Post	Site Operations Manager
Signature	<i>Trevor Spokes</i>
Date	30.01.12

* Authorised to sign on behalf of **Waste Gas Technology UK Ltd**