

PERMIT CONDITIONS COMPLIANCE CHECK REPORT

Installation Address:	Energy Pyrolysis Ltd West Factory Bale Store Moody Lane Grimsby North East Lincolnshire DN31 2TT
Contact:	Mr Saunders
Permit Ref:	EP/20140001
Date of Varied Permit:	New Permit issued 2015
Permitted activity:	Small Waste Incineration Process
Guidance Note:	
Date of Visit:	06/05/16
Report Reference:	
Condition number:	
Management 1.1 – 1.4 Management systems and competence scheme in place? Written procedures and training issued to staff? Maintenance programme?	Procedures within health and safety manual. Weekly checks + 3 monthly for belts
Delivery and reception of waste 2.1 -2.4 Operator prevents noise and odour from site? Operator complies with maximum tyres throughput 7500 tonnes per annum, Measures in place to demonstrate compliance with this criteria.	Records on tonnage of tyres stored on site. compliant.
Heat recovery 3.1	Abatement process to cool gas.
Avoidance, recovery and disposal of residues produced by activity. 4.1 application of Article 4 of the Waste Framework Directive? Scrap metal?	Compliant.
5.1 - 5.3 Authorised waste clearly distinguished? Max of 7500 tonnes per annum of tyres incinerated in the SWIP? Max storage of tyres stored on site at any one time not exceed 250 tonnes?	Compliant.
6 Installation boundary	Compliant.
Operating techniques 7.1 – 7.9 Waste not to be excepted procedure? When waste not to be charged procedure	Compliant. Deliveries reported prior to arrival and staff present when products arrived. Compliant.

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in place? Collection area of contaminated water due to spillage or run – off water due to fire fighting.?	Compliant.
8 Emissions monitoring Compliance with Schedule 3?	Continuous Monitoring PM - Compliant TOC - Compliant. CO – compliant NO2 – compliant. Temp (combustion chamber inner wall) compliant.
8 Emissions Monitoring	Extractive <u>last 21st March 2016</u> . Compliant. Latest emission report submitted March 2015. All parameters completed and achieved compliance with emission limits.
8 Residue handling and testing (8.3 – 8.7)	Compliance * incorporate signage for tankers loading procedure * fuel oil * Add spill kit/absorbent material for any external spillage.
9 Records available on site?	Yes.
10 Notifications	* odour complaint received. Installing additional activated charcoal strikers.
Additional Base line report	* ESG pending.

Calibration completed by Sick. copy of report to be held on site.

Risk Assessment Score Sheet

Environmental Impact Appraisal

Component 1 - Inherent Environmental Impact Potential		
APRR Risk Rating Category	Possible Scores	Score Awarded
(A) Category 1	10	
(B) Category 2	20	
(C) Category 3	30	30

Component 2 - Progress with Upgrading		
Status of Upgrading	Possible Scores	Score Awarded
(A) Upgrading not complete but SG Note deadline has yet to be reached	5	
(B) Upgrading not yet complete and SG Note deadline has passed	10	
(C) Upgrading complete and meets BATNEEC Requirements	0	0
(D) Emissions control exceeds BATNEEC Requirements	-10	

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Component 3 - Sensitivity and Proximity of Receptors (circle appropriate score)			
Proximity to Emission Source	Sensitivity of Receptors		
	(x) High	(y) Medium	(z) Low
(A) < 100m* Reason Humber Estuary designated a SSSI (0.119km)	20	12	5
(B) 100 - 250m*	12	10	3
(C) 250 - 500m*	5	3	1
(D) > 500m*	0	0	0
<p>* All distances should be multiplied by a factor of 2 for mineral and cement & lime processes and by a factor of 4 for combustion, incineration (not cremation), iron & steel and non-ferrous metal processes. Note: Distances should be measured from the process itself, rather than the site boundary.</p>			
Component 4 - Other Targets			
	Possible Scores	Score Awarded	
(A) Other air pollution problems in the local area to which process is a potential contributor	10		
(B) No such air pollution problems	0		

Total Score for Environmental Impact Appraisal	Range 0 to 70	50
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Operator Performance Appraisal

*Officer Vicky Thompson visited premise on the 15th March 2015 following receipt of complaints regarding offensive odour and reports of headaches. During the visit Vicky Thompson witnessed offensive odour beyond the site boundary and stack emissions visible at ground level and not dispersing upwards.

Component 5 - Compliance Assessment		
Scale of Non-Compliance (Within 12 month period prior to review)	Possible Scores	Score Awarded
(A) Incident leading to justified complaint but no breach of specific authorisation condition or of general/residual BATNEEC condition	0 points	*
(B) Incident leading to a justified complaint*	5 per incident	* 5
(C) Breach of authorisation not leading to formal action (Updated by AQ 18)	10 per breach	0
(D) Incident leading to formal caution, Enforcement Notice or prosecution	15 per incident	0

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(E) Incident leading to a Prohibition Notice	20 per incident	0
Total	(Max. 50)	0 5

* Unjustified complaints may be e.g. those considered by the inspector to be unreasonable or which cannot be clearly linked to an incident at the process.

Scoring for Component 6 - Assessment of Monitoring, Maintenance and Records

Criterion	Possible Scores			Score Awarded
	(x) Yes	(y) No	(z) N/A	
(A) All monitoring undertaken to the degree required in the authorisation?	0	10	0	Y 0
(B) Monitoring requirements reduced because results over time show consistent compliance?	-5	0	0	N/A 0
(C) Process operation modified where any problems indicated by monitoring?	0	5	0	N 0
(D) Fully documented and adhered to maintenance programme, in line with authorisation?	0	5	0	Y 0
(E) Full documented records as required in authorisation available on-site?	0	5	0	Y 0
(F) All relevant documents forwarded to the authority by date required?	0	5	0	Y 0
Total score	(-5 to 30)			0

Component 7 - Assessment of Management, Training and Responsibility

Criterion	Possible Scores			Scores Awarded
	(x) Yes	(y) No	(z) N/A	
(A) Documented procedures in place for implementing all aspects of the authorisation?	0	5	0	Y 0
(B) Specific responsibilities assigned to individual staff for these procedures?	0	5	0	Y 0
(C) Completion of individual responsibilities checked and recorded by the company?	0	5	0	Y 0
(D) Documented training records for all staff with air pollution control responsibilities?	0	5	0	Y 0
(E) Trained staff on site throughout periods where potentially air-polluting activities take place?	0	5	0	Y 0
(F) Is an 'appropriate' environmental management system in place?	-5	0	0	N/A 0
Total	(-5 to 25)			0

* suggestion: to place signage for tanker loading procedure and spill kit.

Report Reference: -

* Notify VT. when activated charcoal in place.

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Total Score for Operator Performance Appraisal	Range -10 to 105	5
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OVERALL SCORE FOR THE PROCESS	Range -10 to 175	55
REGULATORY EFFORT CATEGORY * high=score of >80, medium 40-80 and low <40	LOW, MED, HIGH	MED

Officer Signature: VICKY THOMPSON. V. Thompson

Operator Signature JOHN SANDERS 7156

Date: 06/05/16.

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