

PERMIT CONDITIONS COMPLIANCE CHECK REPORT

Installation Address:	Fowler & Holden (Grimsby) Ltd Railway Street Grimsby North East Lincolnshire DN32 7DB
Contact:	
Permit Ref:	EP/200200008
Date of Varied Permit:	20.07.06
Permitted activity:	Foundry process
Guidance Note:	PG2/4 (04)
Date of Visit:	16/07/14
Report Reference:	ISW1
Condition number:	
1.1	
1.2 Upgrades?	
2.1 no persistent fumes or mist?	Compliant.
2.2 No offensive odour beyond site boundary?	No odour beyond boundary.
2.3 emissions from inductotherm free from visible smoke?	Yes.
3.1 visual assessments recorded once a day?	At furnace roof extractor? recorded. Sand reclamation filter units? recorded Return silo filter? recorded Double ended grinder fettling booth and rotary barrel shot blast filter unit? ✓
3.2 Alphasand sand reclamation unit inspected for correct operation and recorded?	Yes and recorded. * written procedure for when Glen absent clear instructions for staff.

Report Reference: -

POLLUTION PREVENTION & CONTROL

<p>3.3 Bag filter and prv to sand silo cleaned and inspected monthly? Recorded?</p>	<p>Bag filter checked weekly.</p>
<p>3.4 Arrestment plant serviced annually</p>	<p>Yes.</p>
<p>3.5 logbook available and up to date</p>	<p>Yes</p>
<p>3.6 usage rates of green sand reclamation recorded?</p>	<p>Yes - not used much.</p>
<p>4.1 reclaimed sand stored in silo, sealed bags or closed skip?</p>	<p>use water hose / bobcat to remove * The extra skip also requires cover!</p>
<p>4.2</p>	
<p>4.3 spillages. no dry sweeping method to be used</p>	<p>use water hose / bobcat to remove</p>
<p>4.4</p>	
<p>4.5</p>	
<p>4.6</p>	
<p>4.7</p>	
<p>4.8</p>	<p>maintenance - Dust unit report completed LEV inspection on 14.10.13 + shot blaster.</p>
<p>4.9 sand reclamation unit fitted with dust extraction and operational? Serviced?</p>	<p>Yes annual report Oct 2013. + ECS repairs + maintenance. All new filter bags.</p>
<p>5.1 All mixing of sand and binders and mould formation should be undertaken in enclosed areas</p>	<p>Foundry is enclosed but doors open. Unable to fully enclose due to ventillation and heat. (mould formation). Sand mixing enclosed.</p>
<p>6.1 No Contaminated material - procedure</p>	<p>Analysis certificate of material content. Only buy railway line</p>

POLLUTION PREVENTION & CONTROL

to ensure not introduced to prevent odour	buy low odour material.
7.1 breakdowns / abnormal emission recorded, procedures in place?	training records - staff to inform shutdown supervisor and shutdown.
7.2 spares?	ready available filter bags if needed.
7.3 Staff training records?	Yes.

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 PG Note deadline has yet to be reached	5	
(B) Upgrading not yet complete and PG Note deadline has passed	10	10
(C) Upgrading complete and meets BATNEEC Requirements	0	
(D) Emissions control exceeds BATNEEC Requirements	-10	

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	20	12	5
(B) 100 - 250m*	12	10	3
(C) 250 - 500m*	5	3	1
(D) > 500m*	0	0	0

* 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.

POLLUTION PREVENTION & CONTROL

Note: Distances should be measured from the process itself, rather than the site boundary.

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	10
(B) No such air pollution problems	0	

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

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

** 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/A 0
(D) Fully documented and adhered to maintenance programme, in line with authorisation?	0	5	0	Y 0

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(E) Full documented records as required in authorisation available on-site?	0	5	0	Y O
(F) All relevant documents forwarded to the authority by date required?	0	5	0	N/A O
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 O
(B) Specific responsibilities assigned to individual staff for these procedures?	0	5	0	Y O
(C) Completion of individual responsibilities checked and recorded by the company?	0	5	0	Y O
(D) Documented training records for all staff with air pollution control responsibilities?	0	5	0	Y O
(E) Trained staff on site throughout periods where potentially air-polluting activities take place?	0	5	0	Y O
(F) Is an 'appropriate' environmental management system in place?	-5	0	0	N/A O
Total	(-5 to 25)			0

procedure in writing for Alphaset send reclamation unit correct operation.

Total Score for Operator Performance Appraisal	Range -10 to 105	0
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OVERALL SCORE FOR THE PROCESS	Range -10 to 175	70
REGULATORY EFFORT CATEGORY * high=score of >80, medium 40-80 and low <40	LOW, MED, HIGH	MED.

Officer: VICKY WRAY.

Officer Signature: 

Operator Signature: 

Date: 16/07/14.

Report Reference: -