

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:	27/9/13
Report Reference:	ISW1
Condition number:	
1.1	
1.2 Upgrades?	Roller shutter doors implemented and new dust collection system.
2.1 no persistent fumes or mist?	No mist or fumes during visit.
2.2 No offensive odour beyond site boundary?	complaint received and odour detected 08.06.11 No odour beyond boundary. Compliant.
2.3 emissions from inducto therm free from visible smoke?	Compliant.
3.1 visual assessments recorded once a day?	At furnace roof extractor? ✓ Sand reclamation filter units? ✓ Return silo filter? ✓ Double ended grinder fettling booth and rotary barrel shot blast filter unit? ✓ Yes recorded in Env. log.
3.2 Alphasat sand reclamation unit inspected for correct operation and recorded?	Yes.

POLLUTION PREVENTION & CONTROL

<p>3.3 Bag filter and prv to sand silo cleaned and inspected monthly? Recorded?</p>	<p>Bag filters daily check (dust bag recorded) PRV - N/A. use vent.</p>
<p>3.4 Arrestment plant serviced annually</p>	<p>* 6 monthly inspection by RSA see 4.9.</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 within env. log.</p>
<p>4.1 reclaimed sand stored in silo, sealed bags or closed skip?</p>	<p>stored in silo. Skip stones sweepings.</p>
<p>4.2</p>	
<p>4.3 spillages. no dry sweeping method to be used</p>	<p>OK</p>
<p>4.4</p>	
<p>4.5</p>	
<p>4.6</p>	
<p>4.7</p>	
<p>4.8</p>	
<p>4.9 sand reclamation unit fitted with dust extraction and operational? Serviced?</p>	<p>Extraction system inspected - serviced as and when needed. LEV extraction and shot blaster etc. Inspection completed & monthly on ventilation system completed by RSA. 11/03/2013. (insurance requirement) Reports Checked.</p>
<p>5.1 All mixing of sand and binders and mould formation should be undertaken in enclosed areas</p>	<p>Yes.</p>
<p>6.1 No Contaminated material - procedure</p>	<p>Compliant see below (Pto).</p>

POLLUTION PREVENTION & CONTROL

to ensure not introduced to prevent odour	Electric melting need top quality material for processing. Material is certified + chemical assessment.
7.1 breakdowns / abnormal emission recorded, procedures in place?	Compliant - see training programme for procedures and breakdown recorded within Env log.
7.2 spares?	Contractor.
7.3 Staff training records?	Seen training plan for staff member's Compliant.

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

check this figure at office.

* 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 62
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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	
(B) Incident leading to a justified complaint*	5 per incident	
(C) Breach of authorisation not leading to formal action (Updated by AQ 18)	10 per breach	
(D) Incident leading to formal caution, Enforcement Notice or prosecution	15 per incident	
(E) Incident leading to a Prohibition Notice	20 per incident	
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	Y 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)			O

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)			O

Total Score for Operator Performance Appraisal	Range -10 to 105	O
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OVERALL SCORE FOR THE PROCESS	Range -10 to 175	62
REGULATORY EFFORT CATEGORY * high=score of >80, medium 40-80 and low <40	LOW, MED, HIGH	MED.

Officer: VICKY WRAY

Officer Signature: V. Wray

Operator Signature

Date: 27.09.13

Report Reference: -

