

PERMIT CONDITIONS COMPLIANCE CHECK REPORT

Installation Address:	Fowler & Holden (Grimsby) Ltd Railway Street Grimsby North East Lincolnshire DN32 7DB
Contact:	Nick Kitchen
Permit Ref:	EP/200200008
Date of Varied Permit:	20.07.06
Permitted activity:	Foundry process
Guidance Note:	PG2/4 (04)
Date of Visit:	13/07/16
Report Reference:	ISW1
Condition number:	
1.1	
1.2 Upgrades?	
2.1 no persistent fumes or mist?	No persistent fumes during visit.
2.2 No offensive odour beyond site boundary?	No offensive odour beyond site boundary - during visit.
2.3 emissions from inductotherm free from visible smoke?	Compliant.
3.1 visual assessments recorded once a day?	At furnace roof extractor? Yes Sand reclamation filter units? Yes Return silo filter? Double ended grinder fettling booth and rotary barrel shot blast filter unit? Dust bag inspection completed daily
3.2 Alphasat sand reclamation unit inspected for correct operation and recorded?	20% new sand.

POLLUTION PREVENTION & CONTROL

<p>3.3 Bag filter and prv to sand silo cleaned and inspected monthly? Recorded?</p>	<p>Sand delivery every week. checked daily.</p>
<p>3.4 Arrestment plant serviced annually</p>	<p>filter bags checked annually 17/06/16 last inspection. by British Engineering services.</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>No used - now decommissioned</p>
<p>4.1 reclaimed sand stored in silo, sealed bags or closed skip?</p>	<p>Yes.</p>
<p>4.2</p>	
<p>4.3 spillages. no dry sweeping method to be used</p>	<p>compliant</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>Yes. British engineering services.</p>
<p>5.1 All mixing of sand and binders and mould formation should be undertaken in enclosed areas</p>	<p>compliant.</p>
<p>6.1 No Contaminated material - procedure</p>	<p>• Scrap metal all certified. receive certificate of conformance. Pig iron used.</p>

POLLUTION PREVENTION & CONTROL

to ensure not introduced to prevent odour	
7.1 breakdowns / abnormal emission recorded, procedures in place?	Shut plant down in event.
7.2 spares?	
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		
(B) Category 2	10	
(C) Category 3	20	
	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 52
---	----------------------	---------------------

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

POLLUTION PREVENTION & CONTROL

(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 O
Total	(-5 to 25)			O

Total Score for Operator Performance Appraisal	Range -10 to 105	O
---	-------------------------	---

OVERALL SCORE FOR THE PROCESS	Range -10 to 175	52
REGULATORY EFFORT CATEGORY * high=score of >80, medium 40-80 and low <40	LOW, MED, HIGH	MED.

Officer: VICKY THOMPSON

Officer Signature: 

Operator Signature 

Date: 13/07/16

Report Reference: -

