

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:	19.06.18
Report Reference:	ISW1
Condition number:	
1.1	Permit review required – VT to start process 2018
1.2 Upgrades?	New extraction system and + dilution 20% of new sand ^{awaken}
2.1 no persistent fumes or mist?	20 tonnes new sand into the system.
2.2 No offensive odour beyond site boundary?	Offensive odour witnessed by officers (NELG Officers VT & LH) beyond site boundary on the 20.06.17. Site visit made following receipt of complaint.
2.3 emissions from inductotherm free from visible smoke?	Compliant
3.1 visual assessments recorded once a day?	At furnace roof extractor? <i>Yes</i> Sand reclamation filter units? <i>Yes</i> Return silo filter? <i>Yes</i> Double ended grinder fettling booth and rotary barrel shot blast filter unit? <i>Yes</i>
3.2 Alphasat sand reclamation unit inspected for correct operation and recorded?	Monthly basis. Checked and recorded. Records held on site from Eurotek to add blend ratio to report.

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3.3 Bag filter and prv to sand silo cleaned and inspected monthly? Recorded?	Every day inspected and cleaned, and 6 monthly inspection.
3.4 Arrestment plant serviced annually	Insurers complete service records available.
3.5 logbook available and up to date	Yes. Checked LEU extraction completed after Sun Alliance + Zurich.
3.6 usage rates of green sand reclamation recorded?	→ Yes.
4.1 reclaimed sand stored in silo, sealed bags or closed skip?	* Some sand stored in open due to problem with collection company. One skip full and covered but issue with collector.
4.2 Suitable dust control measures utilised for storage and movement of potentially dusty materials?	→ Yes.
4.3 spillage procedure. no dry sweeping method to be used	compliant.
4.4 All processes likely to emit particulate matter into the air excluding the storage and transfer of raw and waste materials shall be undertaken in an enclosed area or sheltered building to minimise emissions to air. This condition shall apply to knock out operations.	Sheltered building. extraction system in place.
4.5 Handling of residues	O.k.
4.6 Silos fitted with arrestment plant?	Yes.
4.7	* VT needs to add condition to check calibration checks for additional sand and chemicals used. 1
4.8	
4.9 sand reclamation unit fitted with dust extraction and operational? Serviced?	Yes.
5.1 All mixing of sand and binders and mould formation should be undertaken in enclosed areas	not completely enclosed. The building has some openings to keep area cool for staff and ventilated.
6.1 No Contaminated material – procedure to ensure not introduced to prevent odour	Compliant.
7.1 breakdowns / abnormal emission recorded, procedures in place?	Yes.
7.2 spares?	
7.3 Staff training records?	Compliant.

29/11/17 completed.

A.O.B. – To confirm in writing sand trial and new procedure for sand dilution (now 20% new sand used), and confirm extraction system installed. Have independent calibrations.

Report Reference: -

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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.

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	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	0
(B) Incident leading to a justified complaint*	5 per incident	0
(C) Breach of Condition 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	Y 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
(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	N/A 0
Total score	(-5 to 30)			0

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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 0
Total	(-5 to 25)			0

Total Score for Operator Performance Appraisal	Range -10 to 105	0
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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 THOMPSON

Officer Signature: *V. Thompson*

Operator Signature *[Signature]*

Date: 19.06.18

