NORTH EAST LINCOLNSHIRE COUNCIL
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PERMIT CONDITIONS COMPLIANCE CHECK REPORT

Installation Address:	**Solent Stevedores Ltd** **Shed 8, Alexander Road** **Immingham Dock** **Immingham** **North East Lincolnshire** **DN40 2LZ**
Contact:	**Ian Roberts**
Permit Ref:	**EP/20160001**
Date of Varied Permit:	Permit issued 2016
Permitted activity:	The storing, loading and unloading of cement clinker and pulverised fuel ash (PFA) in bulk prior to further transportation in bulk as listed in section 3.1 Part B (a) and section 3.5 Part B (f) respectively in Part 2 of Schedule 1 to the Environmental Permitting Regulations.
Guidance Note:	**PG3/5 & PG3/1**
Date of Visit:	25/011/16
Report Reference:	

Condition number:	
1 Activity	Compliant – PFA stored in shed at present.
2 Emissions, monitoring and reporting Compliant with Table 1	daily visible checks. Arrestment exhaust flow rate <100m3/hr
3 Correct Ref Conditions	achieves. less than 10mg/Nm3.
4 & 5 Records available of monitoring, inspections and tests?	Yes.
6 seven day notice given of periodic test?	N/A.
7. Results of non-continuous monitoring provided?	N/A.
8. Adverse results from monitoring procedure?	Yes. compliant.
9 & 10 Sampling points / criteria met?	
11/12 & 13 Abnormal events procedure? Notification given of such event?	
Silos and Storage	Storage shed well sealed and held under negative pressure.
15 When delivery to a silo or the storage warehouse takes place, displaced air shall either be vented to suitable arrestment plant (for example cartridge/bag filters). Arrestment plant fitted to silos shall be of sufficient size (and kept clean) to avoid pressurisation during delivery.	Yes abatement cartridge filter.

16 Written procedure in place for the correct operation of unloading from ship to warehouse and loading tankers from the storage warehouse?	Yes
17 Warehouse held under negative pressure?	Yes
18 The storage warehouse and silos containing dry materials shall be equipped with audible and/ or visual high level alarms, or volume indicators, to warn of overfilling. 19 - 30	overfill detectors cuts loading. display screen in office.
Conveying 31, 32, 33, 34	
Process operations 35,& 36	Compliant ✓
Roadways and Vehicles 37	O.K ABP roadsweepers.
Maintenance 38 & 39	✓ maintenance plan in place. in house + silo services.
Training 40 - 41	O.K.

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	20
(C) Category 3	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	
(C) Upgrading complete and meets BATNEEC Requirements	0	0
(D) Emissions control exceeds BATNEEC Requirements	-10	

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 O
(B) Monitoring requirements reduced because results over time show consistent compliance?	-5	0	0	N/A O
(C) Process operation modified where any problems indicated by monitoring?	0	5	0	N/A O
(D) Fully documented and adhered to maintenance programme, in line with authorisation?	0	5	0	Y O
(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

Component 3 - Sensitivity and Proximity of Receptors (circle appropriate score)			
	Sensitivity of Receptors		
Proximity to Emission Source	**(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	
(B) No such air pollution problems	0	0

Total Score for Environmental Impact Appraisal	**Range 0 to 70**	**32**

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	6
(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.*		

POLLUTION PREVENTION & CONTROL

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

OVERALL SCORE FOR THE PROCESS	Range -10 to 175	32
REGULATORY EFFORT CATEGORY * high=score of >80, medium 40-80 and low <40	LOW, MED, HIGH	LOW

Officer Signature: VICKY THOMPSON V. Thompson

Operator Signature

Date: 25/11/16.

SN Engineering Ltd.

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FILTER SPECIFICATION SHEET

Filter reference No C 3464-3

SN ENG:REF.:	SNE-RJC/093/I/F	DATE:	June 2016
CUSTOMER:	Silo Services	CUSTOMER REF.:	RW 01953

MODEL:	SNE-RJC/093/I/F	SURFACE AREA 93 m²	
APPLICATION:	Cement	MAX. TEMP 80°C	
METHOD OF CLEANING:	Reverse air jet via quantity No.6 x 11/2" impulse valves. Pressure differentially controlled units can be washed down periodically - They must be totally dry before re instating.		
CLEANING AIR	Oil free, filtered and de-humidified.		
REQ'D AIR PRESSURE:	6 bar maximum - Volume Req'd – 11/2" @ 13.7 m³/Hr ~ operating @ 4 Bar		
ELEMENTS:	Quantity18 (103123) : L227 NW spun bonded polyester cell units. 270g/m²		
PERMEABILITY	720m³/ m²/hr @ 200Pa. (200mm H²O)		
CHEMICAL RESISTANCE	Oil & Water Alkaline - Good / Fair Oxidising Agents - Good Organic Solvents - Good	Hydrolysis – Fair Abrasion - Excellent	Acid – Fair Alkalis - Good
DUST RELEASE	Excellent	EFFICIENCY>99.95% (< 10mg/Nm³)	
TESTING / APPROVAL	APPLICATION CATEGORY AFTER BIA TEST NUMBER USGC 508410/6210		
BODY	Standard Base Channel- (Insertable) MOUNTING VERTICAL (Horizontal cell units)		
CONTROL PANEL:	ECO Serial Pulse Controller	SERIAL NUMBER: 16022761900080	
CONTROL DISPLAY	Digital c/w LC back light display & integral alarm facilities (LED's) Constant Dp (mm WG) monitoring & display.		
CONTROL SETTING:	See factory settings. Typically 100mm WG Start / 70mm WG Stop Cleaning		
PRESSURE VESSEL	8 Bar Maximum :	SERIAL NUMBER 1604155	
FAN DUTY:	TYPE 420-BL100,VOLUME: 5700m³@200mm WG @ 20°C SERIAL NUMBER039987		
	SPEED:2900Rpm Motor 5.5 Kw Handed RO		
	NOISE < 75Dba @ 1m (Acoustic enclosure fitted)		
NOTES:	Ensure filter is operating before commencing with fill, and allowed to run for a minimum of 10 minutes following close of fill.		

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FILTER SPECIFICATION SHEET

Filter reference No C3464-1

SN ENG:REF.:	SNE RJC/062/F/I-2016	DATE:	May 2016
CUSTOMER:	Silo Services	CUSTOMER REF.:	RW 01953

MODEL:	SNE-RJC/062/F/I-2016	SURFACE AREA 62m²	
APPLICATION:	Cement	MAX. TEMP 80°C	
METHOD OF CLEANING:	Reverse air jet via quantity No.6x1" impulse valves. Pressure differentially controlled units can be washed down periodically - They must be totally dry before re instating.		
CLEANING AIR	Oil free, filtered and de-humidified.		
REQ'D AIR PRESSURE:	6 bar maximum - Volume Req'd – 1" = 11 m³/Hr ~ operating @ 4 Bar		
ELEMENTS:	Quantity12 (103123) : L227 NW spun bonded polyester cell units. 270g/m²		
PERMEABILITY	720m³/ m²/hr @ 200Pa. (200mm H²O)		
CHEMICAL RESISTANCE	Oil & Water Alkaline - Good / Fair Oxidising Agents - Good Organic Solvents - Good	Hydrolysis – Fair Abrasion - Excellent	Acid – Fair Alkalis - Good
DUST RELEASE	Excellent	EFFICIENCY>99.95% (< 10mg/Nm³)	
TESTING / APPROVAL	APPLICATION CATEGORY AFTER BIA TEST NUMBER USGC 508410/6210		
BODY	Standard Base Channel- (Insertable) MOUNTING VERTICAL (Horizontal cell units)		
CONTROL PANEL:	ECO Serial Pulse Controller	SERIAL NUMBER: 16022761900066	
CONTROL DISPLAY	Digital c/w LC back light display & integral alarm facilities (LED's) Constant Dp (mm WG) monitoring & display.		
CONTROL SETTING:	See factory settings. Typically 100mm WG Start / 70mm WG Stop Cleaning		
PRESSURE VESSEL	8 Bar Maximum :	SERIAL NUMBER 1603202	
FAN DUTY:	TYPE 40-BL100 VOLUME:4000m³ @200mm WG @ 20°C SERIAL NUMBER040093		
	SPEED: 2900 Rpm Motor 3 Kw Handed LO		
	NOISE < 75Dba @ 1m (Acoustic enclosure fitted)		
NOTES:	Ensure filter is operating before commencing with fill, and allowed to run for a minimum of 10 minutes following close of fill.		