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(1)

INSPECTION DATE: 110891 NEXT INSPECTION: 113092

II. INSPECTION INFORMATION

INSPECTING OFFICER: K Pinzel STAFF PERS. CODE:

0	6	3
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WEATHER CONDITIONS: 65°, Overcast, Light winds

REASONS FOR INSPECTION:

☒ SCHEDULED INSPECTION ☐ COMPLAINT INVESTIGATION

☐ PERMIT REVIEW ☐ EQUIPMENT MALFUNCTION

☐ OTHER

III. INSPECTION RESULTS

INSPECTION LEVEL(S) PERFORMED: 0 1 (2) 3 4 COMPLIANCE STATUS: CODE: 3

VISIBLE EMISSION EVALUATION PERFORMED: ☐ (YES) ☒ (NO)

IF YES, ☐ IN COMPLIANCE ☐ OUT OF COMPLIANCE

NESHAPS REQUIREMENTS MET: ☐ YES ☐ NO ☒ N/A

TOXICS EVALUATION: ☐ COMPLETED ☐ CONDITIONS VERIFIED
☐ IN PROGRESS ☐ RECOMMENDED ☒ NOT RECOMMENDED

OPERATING RATE:

CODING INFORMATION

AIR PROGRAM CODE

0 - SIP SOURCE
1 - SIP SOURCE UNDER FEDERAL JURISDICTION
5 - OTHER
6 - PSD
8 - NESHAPS
9 - NSPS
C - CLOSED DOWN/INACTIVE

COMPLIANCE STATUS

- 0 - UNKNOWN
- 1 - IN VIOLATION - NO SCHEDULE
- 2 - IN COMPLIANCE BY SOURCE TEST
- 3 - IN COMPLIANCE BY INSPECTION
- 4 - IN COMPLIANCE BY CERTIFICATION
- 5 - IN VIOLATION, MEETING SCHEDULE
- 6 - IN VIOLATION, NOT MEETING SCHEDULE
- 7 - IN VIOLATION, UNKNOWN WITH RESPECT TO SCHEDULE
- 8 - NO APPLICABLE STATE REGULATION
- 9 - IN COMPLIANCE, CLOSED DOWN

IV. COMMENTS

Attached is the data sheet on the various baghouses associated with the cement bulk handling system. None of the units had visible emissions. The pressure drops were within a normal range. The pressure on the compressed air used for the pulse air cleaning of the bags was 100 psig at the compressor and 80 psig at the top of the silo. There are some slight emissions from the hold of the ship due to cement slipping downward as the sivertell conveyor removes cement. Some dust is unavoidable. As much as possible the operator of the arm tries to remove cement uniformly across the surface instead of creating deep cavities that will collapse generating lots of dust. Also, removing the last of the cement from the hold is a bit dustier because they have to use equipment to push the cement together into a pile for it to be removed. Operator care is the key to minimizing emissions. 151,000 tons cement + Huggert Dec 90 - Nov 30, 91. Permit Limit: 420,000 tons

INSPECTOR'S SIGNATURE:

K. O'Connell

DATE:

11-18-91

REVIEWING AUTHORITY COMMENTS:

REVIEWING AUTHORITY SIGNATURE:

R. L. Craft

DATE:

11/18/91

SOURCE: Pier IX Cement REGISTRATION NO: 60979 DATE: 11-8-91
PAGE 2

PROCESS EQUIPMENT: MATERIAL BALANCE Y ___ / N ___						
PROCESS UNIT	PERMIT LIMITS	IN USE?	OPERATING RATE	CONTROL DEVICE	PARAMETERS OBSERVED	VISIBLE EMISSION/ COMMENTS
Load to Piggy	.	yes		Baghouse	$\Delta P = 2.5$	0% opacity
Silo		"		"	$\Delta P = 1.6$	"
Transfer Bucket to Silo		"		"	$\Delta P = 2.1$	"
Transfer C-14 to Bucket		"		"	$\Delta P = 0.7$	"
Transfer C-13 \rightarrow C-14		"		"	$\Delta P = 5.0$	"
Siwertel		"		"		"

CONTINUOUS EMISSION MONITORS:									
STACK MONITORED	PARAMETER	MAKE	MODEL	READINGS		AVERAGING INTERVAL	LAST AUDIT	ZERO OK?	SPAN OK?
				INSTANT	AVERAGED				

CONSTRUCTION ACTIVITY OBSERVED: _____
DATE BEGUN: _____ EST. COMPLETION: _____ ACTUALLY COMP.: _____
PERMIT? Y ___ / N ___ NEEDS PERMIT? Y ___ / N ___ FORMS LEFT? Y ___ / N ___
COMMENTS: _____

OUT OF COMPLIANCE: NOV ISSUED: Y ___ / N ___ (IF BY MAIL, DATE) _____
RECOMMENDED ENFORCEMENT ACTION: _____

ADDITIONAL INFORMATION NEEDED TO DETERMINE COMPLIANCE STATUS: _____

INSPECTOR'S SIGNATURE: K. Dangel DATE: 11-15-91

SOURCE: PIER IX Cont REGISTRATION NO: 1979 DATE:

FUEL BURNING EQUIPMENT:

REFERENCE/UNIT NO.				
MANUFACTURER				
MBTU/HR				
FUEL				
STEAM CAPACITY				
% S				
STEAM PRES. (PSIG)				
#FUEL/HR				
#STEAM/HR				
FLUE GAS TEMP. F				
% O2				
% CO2				
FEED WATER PRES./TEMP.	/	/	/	/
SUPER HEAT PRES./TEMP.	/	/	/	/
CONTROL DEVICE PRESSURE DROP/ACFM	/	/	/	/
OPACITY %				
OPERATING RATE				

INCINERATION:

MAKE & MODEL: _____ **RATED/PERMIT CAPACITY:** _____

OPERATING RATE: _____

TYPE WASTE BEING BURNED: _____

PRIMARY TEMPERATURE: _____ THERMOSTAT SETTING: _____

SECONDARY TEMPERATURE: _____ **THERMOSTAT SETTING:** _____

TIMER SETTING: _____ **CLEANOUT STATUS:** _____

COMMENT: _____

[illegible]

OCR

The following pages contain the Optical Character Recognition text of the preceding scanned images.

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF AIR POLLUTION CONTROL
SOURCE INSPECTION REPORT FORM

LI GENERAL INFORMATION

SOURCE NAME: COUNTY NO:
1,Ex 7 v/-y z-

REGISTRATION NO: 16,1 t) Iq 1 71 YI AQCR: AIR PROGRAM CODE:

PLANT ID: lo 10 1 71 SOURCE CONTACT DURING INSPECTION: klnaer-, 'Po//

--v

SOURCE LOCATION:

SOURCE CLASSIFICATION (CIRCLE ALL APPLICABLE ONES) Al B

INSPECTION DATE: NEXT INSPECTION.

11. INSPECTION INFORMATION

INSPECTING OFFICER: STAFF PE RS. CODE:

WEATHER CONDITIONS: C-5 V-ey-na 52@ Z/12//

REASONS FOR INSPECTION:

SCHEDULED INSPECTION COMPLAINT INVESTIGATION

PERMIT REVIEW EQUIPMENT MALFUNCTION

OTHER

III. INSPECTION RESULTS

INSPECTION LEVEL(S) PERFORMED: 0 1 a) 3 4 COMPLIANCE STATUS: CODE: 51

VISIBLE EMISSION EVALUATION PERFORMED: F-I (YES) a,-(,NO)

IF YES, F-1 IN COMPLIANCE F-1 OUT OF COMPLIANCE

NESHAPS REQUIREMENTS MET: 11 YES F-1 NO El-`N/A

TOXICS EVALUATION: F-I COMPLETED 1:1 CONDITIONS VERIFIED

F-@ IN PROGRESS R RECOMMENDED ID--`NOT RECOMMENDED

OPERATING RATE:

CODING INFORMATION

AIR PROGRAM CODE COMPLIANCE STATUS

0 - SIP SOURCE 0 - UNKNOWN

1 - SIP SOURCE UNDER FEDERAL JURISDICTION I - IN VIOLATION - NO SCHEDULE

5 - OTHER 2 - IN COMPLIANCE BY SOURCE TEST

6 - PSD 3 - IN COMPLIANCE BY INSPECTION

8 - NESHAPS 4 - IN COMPLIANCE BY CERTIFICATION

9 - NSPS 5 - IN VIOLATION. MEETING SCHEDULE

c - CLOSED DOWN/INACTIVE 6 - IN VIOLATION, NOT MEETING SCHEDULE

7 - IN VIOLATION, UNKNOWN WITH RESPECT TO SCHEDULE

8 - NO APPLICABLE STATE REGULATION

9 - IN COMPLIANCE. CLOSED DOWN

IV. COMMENTS

Attached is the data sheet on the various baghouses associated with the cement bulk handling system. None of the units had visible emissions. The pressure drops were within a normal range. The pressure on the compressed air used for the pulse air cleaning of the bags was 100 psig at the compressor and 80 psig at the top of the silo. There are some slight emissions from the hold of the ship due to cement slipping downward as the siverstell conveyor removes cement. Some dust is unavoidable. As much as possible the operator of the arm tries to remove cement uniformly across the surface instead of creating deep cavities that will collapse generating lots of dust. Also, removing the last of the cement from the hold is a bit dustier because they have to use equipment to push the cement together into a pile for it to be removed. Operator care is the key to minimizing emissions. 5 11 a ID k) -@o J'l c c4-, 7 o - AJ, 3c" 91 'Pe 1- 1- 1) 7:ej)e-@

INSPECTOR IS SIGNATURE: DATE:

REVIEWING AUTHORITY COMMENTS:

REVIEWING AUTHORITY SIGNATURE: DATE:

;1URCE: A ce,"len REGISTRATION NO: 6,0 7 DATE:
"7%GE 2

DROCESS EQUIPMENT:, MATERIAL BALANCE Y I.N

PROCESS PERMIT IN OPERATING CONTROL PARAMETERS VISIBLE EMISSIONI
UNIT LIMITS USE? RATE DEVICE OBSERVED COMMENTS

oad @a / I ga A 0a 5,c 2, 5 OX @y

A (O

Tr4n frr 6,cket

o,) fr
-f-- gLick-ei zl@ 7

-Fro 0 s f-r Y-
c c - /-,v 3 C)

'70NTINUOUS EMISSION MONITORS:

READINGS

STACK AVERAGING LAST ZERO SPAN

TtONITORED PARAMETER MAKE MODEL INSTANT AVERAGED INTERVAL AUDIT OK? OK?

.:f)NSTRUCTION ACTIVITY OBSERVED:

'ATE BEGUN: EST. COMPLETION: ACTUALLY COMP.:

'@?-RMTT? Y N NEEDS PERMIT? Y N FORMS LEFT? Y m

.@@MMMENTS:

"IT OF COMPLIANCE: NOV ISSUED: y N @@ (IF BY MAIL, DATE)

'7COMMEDED ENFORCEMENT ACTION:

.DITIONAL INFORMATION NEEDED TO DETERMINE COMPLIANCE STATUS:

SPECTORIS SIGNATURE: DATE:

SOURCE: &-g ix REGISTRATION NO: DATE:

FUEL BURNING EQUIPMENT:

REFERENCE/UNIT NO.

UFACTURER

BTU/HR

FUEL

STEAM CAPACITY

t s

STEAM PRES. (PSIG)

#FUEL/HR

#STEAM/HR

FLUE GAS TEMP. F

02

C02

FEED WATER PRES./TEMP.

SUPER HEAT PRES./TEMP.

CONTROL DEVICE
PRESSURE DROP/ACFM

OPACITY

PERATING RATE

INCINERATION:

MAKE & MODEL: RATED/PERMIT CAPACITY:

OPERATING RATE:

TYPE WASTE BEING BURNED:

PRIMARY TEMPERATURE: THERMOSTAT SETTING:

SECONDARY TEMPERATURE: THERMOSTAT SETTING:

TIMER SETTING: CLEANOUT STATUS:

COMMENT:

FUGITIVE EMISSIONS:

CONTROL CONTROL

SOURCE TYPE OPACITY MEASURES EFFECTIVENESS COMMENTS