

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

(I) GENERAL INFORMATION

SOURCE NAME: PIER IX TERMINAL COUNTY NO: 2120

REGISTRATION NO: 60979 AQCR: 223 AIR PROGRAM CODE: 0

PLANT ID: 0071 SOURCE CONTACT DURING INSPECTION: Roger Doll

SOURCE LOCATION: Harbor Rd, Newport News

SOURCE CLASSIFICATION (CIRCLE ALL APPLICABLE ONES) A1 (A2) B ()

INSPECTION DATE: 110891 NEXT INSPECTION: 113092

II. INSPECTION INFORMATION

INSPECTING OFFICER: K. Pinzel STAFF PERS. CODE: 063

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: _____

AIR PROGRAM CODE	CODING INFORMATION	
	COMPLIANCE STATUS	
0 - SIP SOURCE	0 - UNKNOWN	
1 - SIP SOURCE UNDER FEDERAL JURISDICTION	1 - 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 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.

15,000 tons cement handled Dec 90 - Nov 30, 91. Permit Limit: 420,000 tons

INSPECTOR'S SIGNATURE: K. O'Brien DATE: 11-18-91

REVIEWING AUTHORITY COMMENTS: _____

REVIEWING AUTHORITY SIGNATURE: R.C. Coffey DATE: 11/19/91

SOURCE: Pier IX Cement REGISTRATION NO: 60979 DATE: 11/8/91

PROCESS EQUIPMENT: MATERIAL BALANCE Y / N

CONTINUOUS EMISSION MONITORS:

CONSTRUCTION ACTIVITY OBSERVED:

DATE BEGUN: 10/1/01 EST. COMPLETION: 12/1/01 ACTUALLY COMP.: 10/15/01
PERMIT? Y 1 / N 0 NEEDS PERMIT? Y 1 / N 0 FORMS LEFT? Y 1 / N 0
COMMENTS:

ADDITIONAL INFORMATION NEEDED TO DETERMINE COMPLIANCE STATUS:

~~K~~ *Passel*

DATE: 11-15-91

SOURCE: PIER IX Cem cont REGISTRATION NO: 979 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: _____

FUGITIVE EMISSIONS:					
SOURCE	TYPE	OPACITY	CONTROL MEASURES	CONTROL EFFECTIVENESS	COMMENTS

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//

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SOURCE LOCATION:

SOURCE CLASSIFICATION (CIRCLE ALL APPLICABLE ONES) A1 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

I - 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

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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. 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)

'7ONTINUOUS EMISSION MONITORS:

READINGS

STACK AVERAGING LAST ZERO SPAN
TTONITED PARAMETER MAKE MODEL INSTANT AVERAGED INTERVAL AUDIT OK? OK?

.:f)NSTRUCTIOM ACTIVITY OBSERVED:

'ATE BEGUN: EST. COMPLETION: ACTUALLY COMP.:
'@?-RMTT? Y N NEEDS PERMIT? Y N FORMS LEFT? Y m
.@@MMENTS:

"IT OF COMPLIANCE: NOV ISSUED: Y N @@ (IF BY MAIL, DATE)
'7COMMENDED 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