

# Texas Commission on Environmental Quality Investigation Report

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**Customer: CES Environmental Services, Inc.**  
**Customer Number: CN600618946**

**Regulated Entity Name: CES ENVIRONMENTAL SERVICES**

**Regulated Entity Number: RN100693282**

|  |   |
|--|---|
| <p><b>Investigation #</b> 943613</p> <p><b>Investigator:</b> TIMOTHY BATSCHE</p> <p><b>Conducted:</b> 07/28/2011 -- 08/05/2011</p> <p><b>Program(s):</b> AIR NEW SOURCE PERMITS</p> <p><b>Investigation Type:</b> Compliance Invest File Review</p> <p><b>Additional ID(s):</b> HG1270B</p> <p><b>Address:</b> 4904 GRIGGS RD,<br/>HOUSTON, TX , 77021</p> | <p><b>Incident Numbers</b></p> <p><b>Site Classification</b> MINOR SOURCE</p> <p><b>SIC Code:</b> 1542<br/><b>NAIC Code:</b> 562219<br/><b>SIC Code:</b> 4212</p> <p><b>Location:</b></p> <p><b>Local Unit:</b> REGION 12 - HOUSTON</p> <p><b>Activity Type(s):</b> RPFT - AIR RPFT - REVIEW OF<br/>PERFORMANCE TEST OR MONITOR</p> |
|--|---|

**Principal(s):**

| Role       | Name                           |
|------------|--------------------------------|
| RESPONDENT | CES ENVIRONMENTAL SERVICES INC |

**Contact(s):**

| Role                        | Title       | Name                  | Phone |
|-----------------------------|-------------|-----------------------|-------|
| Regulated Entity<br>Contact | HSE MANAGER | PRABHAKAR<br>THANGUDU |       |

**Other Staff Member(s):**

| Role        | Name        |
|-------------|-------------|
| QA Reviewer | JOSEPH DOBY |
| Supervisor  | JOSEPH DOBY |

### Associated Check List

| <u>Checklist Name</u>                | <u>Unit Name</u> |
|--------------------------------------|------------------|
| AIR GENERIC INVESTIGATION (10 ITEMS) | Boiler 1 and 2   |

**Investigation Comments:**

INTRODUCTION/ INVESTIGATION SUMMARY

Introduction

The Compliance Certification Test Report was submitted by CES Environmental Services, Inc. . The purpose of this investigation (Investigation Typecode RPFT) is to determine compliance with applicable stack test requirements.

# CES ENVIRONMENTAL SERVICES - HOUSTON

7/28/2011 to 8/5/2011 Inv. # - 943613

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## Daily Narrative

The Compliance report (tracking #13103, and 13105) was submitted by the regulated entity (RE) fulfilling the sampling requirements found in 30 TAC 117, and 30 TAC 106.183.

CES Environmental Services, Inc. - Griggs Road Plant, filed for bankruptcy August 13, 2010. The Houston facility, where the boilers are located closed. In a phone conversation with Steve Stricker (281-433-7052) on August 3, 2011 the investigator was told that all plant records had been confiscated by EPA and TCEQ, therefore, exact dates for unit startup are not available. However, Mr. Stricker approximated the startup date for boiler 1 to be 1990, and boiler 2 (new) to be 2005.

## Exit Interview

There was no exit interview conducted.

## GENERAL FACILITY AND PROCESS INFORMATION

### Process Description

CES Environmental Services, Inc. is a tank truck cleaning facility. Details of process description can be found at the Houston Region Central files.

## BACKGROUND

### Current Enforcement Actions

CES Environmental Services failed to comply with the stack test compliance schedule in 30 TAC 117 for minor sources. Please refer to the Outstanding Alleged Violations section of this report for details.

### Agreed Orders, Court Orders, and Other Compliance Agreements

There no Agreed Orders, Court Orders and other Agreements issued against the RE for the past 5 years.

### Prior Enforcement Issues

There were 2 NOVs and no NOEs issued to the RE during the five-year period prior to the investigation. There were/ were no same or similar violations.

## ADDITIONAL INFORMATION

Source Tested: Boiler 1

EPN: Authorized by PBR

Name of Testing Organization: ENTECH Engineering

Initial Compliance Test: Yes

If Initial, Unit Start-Up Date: 1990, Specific date not available.

Notification Date: N/A, Minor Source

Test Date(s): January 29, 2009, approximately 4 years late.

Test Deadline: March 31, 2005

Date Report Received: March 24, 2009

Report Submittal Deadline: March 29, 2009

Average Operating Rate of Source During Tests: 4.35 mmBtu/hr

Normal Operating Rate: N/A

Maximum Operating Rate: 6.28 mmBtu/hr

## Results Summary

Pollutant: NOx

Pollutant Concentration: 47.16 ppm @ 3% O<sub>2</sub>

Audit Concentration: 47.16 ppm @ 3% O<sub>2</sub>

MER: 0.06 lb/mmBtu

Audit MER: 0.04 lb/mmBtu

Allowable State Reg.: Minor Source in MECT

Retest Required: No

Pollutant: CO  
Pollutant Concentration: 4.01 ppm @ 3% O<sub>2</sub> (based on minimum detection limits)  
Audit Concentration: 0.4 ppm @ 3% O<sub>2</sub>  
Allowable State Reg.: 400 ppm @ 3% O<sub>2</sub>  
Retest Required: No

Diluent: O<sub>2</sub>  
Reported: 10.18%  
Audit: 10.18%  
Retest Required: No

Source Tested: Boiler 2  
EPN: Authorized by PBR

Name of Testing Organization: ENTECH Engineering

Initial Compliance Test: Yes  
If Initial, Unit Start-Up Date: 2005, Specific date not available.

Notification Date: N/A, Minor Source  
Test Date(s): January 28, 2009, approximately 4 years late.  
Test Deadline: March 31, 2005  
Date Report Received: March 24, 2009  
Report Submittal Deadline: March 29, 2009

Average Operating Rate of Source During Tests: 4.35 mmBtu/hr  
Normal Operating Rate: N/A  
Maximum Operating Rate: 6.28 mmBtu/hr

#### Results Summary

Pollutant: NO<sub>x</sub>  
Pollutant Concentration: 75.98 @ 3% O<sub>2</sub>  
MER: 0.092 lb/mmBtu  
Audit MER: 0.068 lb/mmBtu  
Allowable State Reg.: Minor Source in MECT  
Retest Required: No

Pollutant: CO  
Pollutant Concentration: 2.02 ppm @ 3% O<sub>2</sub>  
Audit Concentration: 3.05 ppm @ 3% O<sub>2</sub>  
Allowable State Reg.: 400 ppm @ 3% O<sub>2</sub>  
Retest Required: No

Diluent: O<sub>2</sub>  
Reported: 7.18%  
Audit: 7.16%  
Retest Required: No

#### Conclusion and Recommendations

There were no data collection errors and/or deviations detected during the review which would invalidate the data submitted by the RE. The applicable certification standards were not exceeded during the test event. Additionally, the stack test report included the information necessary to comply with the requirements of Chapter 14 of the "TCEQ Sampling and Procedures Manual." The RE was not in compliance with their applicable stack test requirements.

#### Additional Issues

There were no additional issues.

Report Attachments

None

**NOV Date** 09/08/2011 **Method** WRITTEN

**ALLEGED VIOLATION(S) NOTED AND RESOLVED  
ASSOCIATED TO A NOTICE OF VIOLATION**

**Track Number:** 445014

**Resolution Status Date:** 9/1/2011

**Violation Start Date:** 3/31/2005

**Violation End Date:** 1/29/2009

**30 TAC Chapter 117.9200(1)(C)(i)**

**5C THSC Chapter 382.085(b)**

**Alleged Violation:**

**Investigation: 943613**

Comment Date: 08/29/2011

As a result of Stack Test Report Review Investigation conducted August 5, 2011, the Texas Commission on Environmental Quality (TCEQ) Houston Regional Office determined that CES Environmental Services failed to comply with the stack test compliance schedule in 30 TAC 117 for minor sources. The stack tests for Boilers 1 and 2 were conducted on January 28 and 29, 2009, approximately 4 years after the deadline of March 31, 2005. This constitutes a violation of 30 TAC 117.9200(1)(C)(i), which states, "(1) For sources subject to Chapter 101, Subchapter H, Division 3 of this title the owner or operator shall: (C) No later than March 31, 2005, for any units subject to 30 TAC 117.2010 of this title that stack testing or CEMS or PEMS performance evaluation and quality assurance has not been conducted under subparagraph (B) of this paragraph, submit to the executive director the results of: (i) stack tests conducted in accordance with 30 TAC 117.2035 of this title."

This further constitutes a violation of the following: Texas Health and Safety Code 382.085(b).

**Recommended Corrective Action:** N/A

**Resolution:** The stack tests were conducted on January 28 and 29, 2009.

**Signed**

**Date** \_\_\_\_\_

\_\_\_\_\_  
**Environmental Investigator**

**Signed**

**Date** \_\_\_\_\_

\_\_\_\_\_  
**Supervisor**

**Attachments: (in order of final report submittal)**

\_\_\_ Enforcement Action Request (EAR)

\_\_\_ Letter to Facility (specify type) : \_\_\_\_\_

Investigation Report

\_\_\_ Sample Analysis Results

\_\_\_ Manifests

\_\_\_ Notice of Registration

\_\_\_ Maps, Plans, Sketches

\_\_\_ Photographs

\_\_\_ Correspondence from the facility

\_\_\_ Other (specify) :

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