



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 7  
11201 RENNER BOULEVARD  
LENEXA, KANSAS 66219

UNITED STATES  
ENVIRONMENTAL PROTECTION  
AGENCY-REGION 7

2014 JUN -5 AM 10:45

### **EXPEDITED SETTLEMENT AGREEMENT (ESA)**

**DOCKET NO.:** CAA-07-2014-0015

**This ESA is issued to:** Aurora Elevator, Inc.

**At:** 417 Buffalo Street, Aurora, Iowa 50607

**for violating Section 112(r)(7) of the Clean Air Act.**

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The United States Environmental Protection Agency, Region 7 (EPA) and Aurora Elevator, Inc. (Respondent), have agreed to a settlement of this action before filing of a complaint, and thus this action is simultaneously commenced and concluded pursuant to Rules 22.13(b) and 22.18(B)(2) of the Consolidated Rules of Practice Governing the Administrative Assessment of Civil Penalties, Issuance of Compliance or Corrective Action Orders, and the Revocation, Termination or Suspension of Permits (Consolidated Rules), 40 C.F.R. §§ 22.13(b), 22.18(b)(2).

The Complainant, by delegation of the Administrator of the EPA, is the Director of the Air and Waste Management Division. The Respondent is Aurora Elevator, Inc., 417 Buffalo Street, Aurora, Iowa, 50607.

This is an administrative action for the assessment of civil penalties instituted pursuant to Section 113(d) of the Clean Air Act (CAA). Pursuant to Section 113(d) of the CAA, 42 U.S.C. § 7413(d), the Administrator and the Attorney General jointly determined that cases which meet the criteria set forth in EPA's policy entitled "Use of Expedited Settlements in Addressing Violations of the Clean Air Act Chemical Accident Prevention Provision, 40 C.F.R. Part 68," dated January 5, 2004, are appropriate for administrative penalty action.

#### **ALLEGED VIOLATIONS**

On November 20, 2013, an authorized representative of the EPA conducted a compliance inspection of the Respondent's facility located at 417 Buffalo Street, Aurora, Iowa, to determine compliance with the Risk Management Plan (RMP) regulations promulgated at 40 C.F.R. Part 68 under Section 112(r) of the CAA. The EPA found that the Respondent had violated regulations implementing Section 112(r) of the CAA by failing to comply with the regulations as noted on the enclosed Risk Management Program Inspection Findings (RMP Findings), which is hereby incorporated by reference.

#### **SETTLEMENT**

In consideration of Respondent's size of business, its full compliance history, its good faith effort to comply, and other factors as justice may require, and upon consideration of the

entire record, the parties enter into the ESA in order to settle the violations, described in the enclosed RMP Findings, for the total penalty amount of **\$5,600**.

This settlement is subject to the following terms and conditions:

The Respondent by signing below waives any objections that it may have regarding jurisdiction, neither admits nor denies the specific factual allegations contained herein and in the RMP Findings, and consents to the assessment of the penalty as stated above. Respondent waives its rights to a hearing afforded by Section 113(d)(2)(A) of the CAA, 42 U.S.C. § 7413(d)(2)(A), and to appeal this ESA. Each party to this action shall bear its own costs and fees, if any. Respondent also certifies, subject to civil and criminal penalties for making a false submission to the United States Government, that the Respondent has corrected the violations listed in the enclosed RMP Findings and has sent a cashier's check or certified check (payable to the "United States Treasury") in the amount of **\$5,600** in payment of the full penalty amount to the following address:

U.S. Environmental Protection Agency  
Fines and Penalties  
Cincinnati Finance Center  
P.O. Box 979077  
St. Louis, Missouri 63197-9000

The Docket Number of this ESA is CAA-07-2014-0015, and must be included on the check.

This original ESA, a copy of the completed RMP Findings, and a copy of the check must be sent by certified mail to:

Christine Hoard  
Chemical Risk Information Branch  
U.S. Environmental Protection Agency, Region 7  
11201 Renner Boulevard  
Lenexa, Kansas 66219.

A copy of the check must also be sent to:

Kathy M. Robinson  
Regional Hearing Clerk  
U.S. Environmental Protection Agency, Region 7  
11201 Renner Boulevard  
Lenexa, Kansas 66219.

Upon Respondent's submission of the signed original ESA, the EPA will take no further civil action against Respondent for the alleged violations of the CAA referenced in the RMP

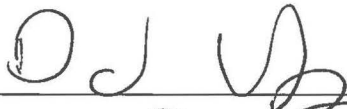
Findings. The EPA does not waive any other enforcement action for any other violations of the CAA or any other statute.

If the signed original ESA with an attached copy of the check is not returned to the EPA Region 7 office at the above address in correct form by the Respondent within 45 days of the date of Respondent's receipt of it (90 days if an extension is granted), the proposed ESA is withdrawn, without prejudice to EPA's ability to file an enforcement action for the violations identified herein and in the RMP Findings.

This ESA is binding on the parties signing below.

This ESA is effective upon filing with the Regional Hearing Clerk.

FOR RESPONDENT:




Date: 7-24-14

Name (print): David Young


Title (print): President  
Aurora Elevator, Inc.



FOR COMPLAINANT:

  
\_\_\_\_\_  
Becky Weber  
Director  
Air and Waste Management Division  
EPA Region 7

Date: 8/5/14

  
\_\_\_\_\_  
Kent Johnson  
Assistant Regional Counsel  
Office of Regional Counsel  
EPA Region 7

Date: 8/4/14

In the Matter of Aurora Elevator, Inc.  
Docket No. CAA-07-2014-0015  
Page 6 of 6

I hereby ratify the ESA and incorporate it herein by reference. It is so ORDERED.

Karina Borrromeo

Date: 8-6-14

Karina Borrromeo  
Regional Judicial Officer

Risk Management Program Inspection Findings  
CAA § 112(r) Violations

Aurora Elevator, Inc.  
417 Buffalo Street  
Aurora, Iowa 50607  
Docket No. CAA-07-2014-0015

COMPLETE THIS FORM AND RETURN IT WITH THE ESA.

VIOLATIONS

PENALTY AMOUNT

Risk Management Plan  
Updates [68.190(b)(1)] \$2,000  
The owner or operator failed to revise and update the RMP at least once every five years from the date of its initial submission or most recent update.  
*RMP updated and submitted November 14, 2013*

Emergency Response Program [68.180] *No penalty assessed*  
The owner or operator failed to submit an RMP that correctly included the information required regarding the emergency response program.  
*How was this addressed: We at the Aurora Elevator, Inc have updated information on our RMP and will submit copies to the local emergency response team.*

Hazard Assessment  
Documentation [68.39(c) & (e)] \$600  
The owner or operator failed to maintain records on the offsite consequence analyses that included documentation of estimated quantity released, release rate, and duration of release and the data used to estimate population and environmental receptors potentially affected.  
*How was this addressed: No documentation for the most recently filed RMP.*  
*We have updated RMP and we have included offsite consequences of a release, quantity, rate and duration and we calculated population and taken into account environmental receptors*



Prevention Program

Safety Information [68.48(a)(3)]

\$300

The owner or operator failed to compile and maintain up-to-date safety information related to the safe upper and lower temperatures and flows of the regulated substances and equipment.

How was this addressed: Safe upper and lower limits are not specific to the equipment in the covered process.

We are submitting a copy of the safety information you asked for that was in our RMP manual at the time of the inspection.

Safety Information [68.48(b)]

\$1,500

The owner or operator failed to ensure that the process is designed in compliance with recognized and generally accepted good engineering practices.

Post inspection out of date PRVs were replaced. How was the saddles supporting the bulk vessels (less than 1/3 the circumference of the vessels) addressed and procedures or records for testing, inspecting or replacement of underground piping:

We had failed to update the PRV on nurse tanks. They have all been updated now. The saddles supporting the bulk vessel have been extended to 1/3 of circumference of vessel. We have installed a pressure gauge on the underground piping so we can monitor the pressure in the line (pictures)

Prevention Program

Compliance Audit [68.58(a)]

\$1,200

The owner or operator failed to certify that they have evaluated compliance with the provisions of this subpart at least every three years to verify that the procedures and practices developed under the rule are adequate and are being followed.

How was this addressed: Missing elements Operating Procedures and Compliance Audit.

We are sending a copy of our compliance Audit with our operating procedures highlighted and also a copy of our compliance Audit with operating procedures highlighted that the inspector did not see.

Total Penalty

\$5,600

Calculation of Adjusted Penalty

1<sup>st</sup> Reference the Multipliers for calculating proposed penalties for violations found during RMP inspection matrix. Finding the column for 10-100 employees and the row for >10 times the threshold quantity of 10,000 pounds of anhydrous ammonia as listed in 40 C. F. R. Part 68.130 for the amount in a process gives a multiplier factor of 1.0. Therefore, the multiplier for Aurora Elevator, Inc. = 1.0

*\*\*No adjusted penalty since multiplier is 1*

**Total Penalty**

**\$5,600**

**This section must be also completed and signed by Aurora Elevator, Inc.:**

The approximate cost to correct the above items: \$ 2500<sup>00</sup>

Compliance staff name: David Young

Signed: DJY Date: 7-24-14

# RISK MANAGEMENT PLAN COMPLIANCE AUDIT

Facility Name Aurora Elevator Inc

Facility Location Aurora IA

Product Ammonia Anhydrous

DATE  
Corrective Measures  
were Completed

## RMP SEGMENT:

1. Is current copy of Plan available?  Yes / No

Location of Plan is \_\_\_\_\_

If No, explain problem & corrective measures \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. Does Community Emergency Coordinator and/or  
LEPC have a copy of current RMP?  Yes / No

If No, explain problem & corrective measures \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. Is information in Section I Facility Information, and  
information in the Executive Summary correct?  Yes / No

If No, explain problem & corrective measures \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4. Is Section II Prevention Program Implementation, &  
Section III Safety Information correct?  Yes / No

If No, explain problem & corrective measures \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

5. Has the Facility's Emergency Action Plan been  
reviewed within the last 12 months?  Yes / No

If No, explain problem & corrective measures \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

DATE  
Corrective Measures  
were Completed

**ACCIDENT HISTORY SEGMENT:**

1. Has there been an Accidental Release of product within the last 5 years? Yes  No

2. If YES, has the Accidental Release information been completed in Section 6 of the RMP? Yes / No

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**SAFETY INFORMATION SEGMENT:**

1. Is there a current copy of product's MSDS available for emergency use?  Yes / No

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Is product listed in Facility's Hazard Communication Program?  Yes / No

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Are main tank valves lockable?  Yes / No

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**EQUIPMENT SEGMENT:**

1. Is all threaded piping schedule 80 or welded piping schedule 40?  Yes / No

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE  
Corrective Measures  
were Completed

2. Are relief valves of the type approved for the product?

Yes /  No

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Are all Pop-off valves protected with rain caps?

Yes /  No

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Is piping, pumping equipment, and storage tank/tanks free of leaks?

Yes /  No

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. Is piping and storage tank/tanks' protective paint in good condition?

Yes /  No

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**TRAINING SEGMENT:**

1. Have all employees that are working with the product been trained on proper handling techniques?

Yes /  No

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Have all employees that are working with the product been trained on proper actions to take in the event of a release?

Yes /  No

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE  
**Corrective Measures  
were Completed**

3. Do the employees that are involved in the maintenance of product's equipment have proper training and/or experience to perform maintenance?

Yes / No

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Are all employee trainings current?

Yes / No

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. Have employees been consulted about training needs?

Yes / No

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. Is current format for employee training adequate (classroom, observations, etc.)?

Yes / No

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7. Is current format for employee testing adequate (written, oral test, demonstration, etc.)?

Yes / No

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**MAINTENANCE SEGMENT:**

1. Are inspection/maintenance records available?

Yes / No

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE  
Corrective Measures  
were Completed

2. Are current inspection/maintenance intervals adequate based on maintenance records? Yes / No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Based on maintenance records, no equipment is past due for maintenance and/or replacement? Yes / No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**HAZARD REVIEW SEGMENT:**

1. Is the last Hazard Review less than 5 years old? Yes / No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_

2. Are current Operating Procedures available and provided to affected employees? Yes / No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_

3. Have there been any major changes in operating procedures, or equipment since last Hazard Review? Yes / No

4. If YES to question 3, was there a new Hazard Review completed? Yes / No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. Is previous RMP Compliance Audit available? Yes / No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# RISK MANAGEMENT PROGRAM COMPLIANCE AUDIT CERTIFICATION

I certify that this compliance audit evaluated compliance with the prevention program provisions of the U.S. Environmental Protection Agency's Chemical Accident Prevention Provisions (40 CFR Part 68) and verify that the procedures and practices developed under the rule are adequate and are being followed.

Any items found to be deficient during the audit were corrected at time of discovery.

Person Conducting Audit Dave Yz 4-4-12  
Signature Date

4-4-12 David Young Dave Yz  
Date Print Name of RMP Officer Signature



# RISK MANAGEMENT PLAN COMPLIANCE AUDIT

Facility Name Aurora Elevator, Inc Facility Location Aurora, IA  
 Product Ammonia (Anhydrous)  
                   NH<sub>3</sub>

DATE  
Corrective Measures  
were Completed

**RMP SEGMENT:**

1. Is current copy of RMPlan available?  Yes /  No  
 Location of Plan is Chapter III of Manual  
 If No, explain problem & corrective measures  
will re-submit within  
10 days
  
2. Does Community Emergency Coordinator and/or LEPC have a copy of current RMPlan?  Yes /  No  
 If No, explain problem & corrective measures  
will send when New e-submit  
is completed
  
3. Is information in Section I, Facility Information, and information in the Executive Summary correct?  Yes /  No  
 If No, explain problem & corrective measures \_\_\_\_\_
  
4. Is Section II Prevention Program Implementation, & Section IV, Safety Information correct?  Yes /  No  
 If No, explain problem & corrective measures \_\_\_\_\_
  
5. Has the Facility's Emergency Action Plan been reviewed within the last 12 months?  Yes /  No  
 If No, explain problem & corrective measures \_\_\_\_\_

**SAFETY INFORMATION SEGMENT:**

1. Is there a current copy of product's SDS available for emergency use?

Yes /  No

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Is product listed in Facility's OSHA Hazard Communication Program? {Refer to Company's Policy & Procedures for "Hazardous Material List."}

Yes /  No

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Is the intended inventories of product listed in the Safety Information Section current?

Yes /  No

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Is the Safety Information Summary defining safe upper and lower temperatures, etc. available in the Safety Information Section?

Yes / No

If No, explain problem & corrective measures \_\_\_\_\_

*Chapter IV, Tab D is additional Safety Information, including safe upper & lower*

5. Are main tank valves kept closed when the installation is unattended?

Yes /  No

Are main tank valves protected by suitable means against tampering and theft of product?

Yes /  No

(In addition to locking main tank valves, additional means of protection may be needed, depending on the site. Examples: lighting, motion detectors, alarms, remote surveillance, security systems, fencing, etc.)

If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE  
Corrective Measures  
were Completed

**EQUIPMENT SEGMENT:**

1. Is piping and related equipment the type approved for the product? (Yes) / No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
2. For Anhydrous Ammonia, is all threaded piping schedule 80 or welded piping schedule 40? (Yes) / No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
3. Are relief valves of the type approved for the product? (Yes) / No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
4. Are all Pop-off valves protected with rain caps? (Yes) / No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
5. Is piping, pumping equipment, and storage tank/tanks free of leaks? (Yes) / No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
6. Is piping and storage tank/tanks' protective paint in good condition? (Yes) / No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE  
Corrective Measures  
were Completed

**HAZARD REVIEW SEGMENT:**

1. Is the last Hazard Review less than 5 years old?  Yes  No  
If No, explain problem & corrective measures \_\_\_\_\_

2. Has there been a major change in the regulated product's use, or major change in equipment used to transfer product or other change that would have required a change in the operating procedures? Yes /  No  
If YES to question 2, was a new Hazard Review completed? Yes / No  
If No, explain problem & corrective measures \_\_\_\_\_

3. Does the completed Hazard Review contain the date with the signature of the RMP Officer?  Yes  No

**OPERATING PROCEDURES SEGMENT:**

1. Have there been any major changes in Operating Procedures or equipment since last Operating Procedures? Yes /  No  
If YES to question 1, was there a new Operating Procedure completed and put into place? Yes / No  
If No, explain problem & corrective measures \_\_\_\_\_

2. Do Operating Procedures address:  
(1) Initial startup;  Yes /  No  
(2) Normal operations;  Yes /  No  
(3) Temporary operations;  Yes /  No  
(4) Emergency shutdown and operations;  Yes /  No  
(5) Normal shutdown;  Yes /  No  
(6) Startup following a normal or emergency shutdown;  Yes /  No  
(7) Consequences of deviations;  Yes /  No  
(8) Are equipment inspections addressed in Maintenance Section?  Yes /  No

3. Are current Operating Procedures available and provided to affected employees?  Yes /  No  
If No, explain problem & corrective measures \_\_\_\_\_

4. Do the Operating Procedures contain the date with the signature of the RMP Officer?  Yes /  No

DATE  
Corrective Measures  
were Completed

**TRAINING SEGMENT:**

1. Have all employees that are working with the product been trained on proper handling techniques?  Yes / No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Have all employees that are working with the product been trained on proper actions to take in the event of a release?  Yes / No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Do the employees that are involved in the maintenance of product's equipment have proper training and/or experience to perform maintenance?  Yes / No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Are all employee trainings current?  Yes / No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. Have employees been consulted about training needs?  Yes / No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. Is current format for employee training adequate (classroom, observations, etc.)?  Yes / No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7. Is current format for employee testing adequate (written, oral test, demonstration, etc.)?  Yes / No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE  
Corrective Measures  
were Completed

**MAINTENANCE SEGMENT:**

1. Are inspection/maintenance records available?  Yes /  No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_
2. Are current inspection/maintenance intervals adequate based on maintenance records?  Yes /  No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_
3. Based on maintenance records, no equipment is past due for maintenance and/or replacement?  Yes /  No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_
4. The maintenance inspection records contain the date when equipment was inspected?  Yes /  No
5. The maintenance records contain the information of replacement component/equipment along with the date the replacement took place?  Yes /  No
6. The maintenance inspection records are reviewed at least annually by a competent person or RMP Officer?  Yes /  No

**Compliance Audits SEGMENT:**

1. Are previous RMP Compliance Audit(s) available?  Yes /  No  
NOTE: For Program 2; the two (2) most recent compliance audit reports are available. However, this requirement does not apply to any compliance audit report that is more than five years old.  
For Program 3; the two (2) most recent compliance audit reports are available.  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_
2. The Compliance Audit is certified with a signature of RMP Officer?  Yes /  No

**ACCIDENT HISTORY SEGMENT:**

1. Has there been an Accidental Release of product within the last 5 years? Yes /  No
2. If YES, has the Accidental Release information been completed in Section 6 of the RMP? Yes / No  
If No, explain problem & corrective measures \_\_\_\_\_  
\_\_\_\_\_

# RISK MANAGEMENT PROGRAM COMPLIANCE AUDIT CERTIFICATION

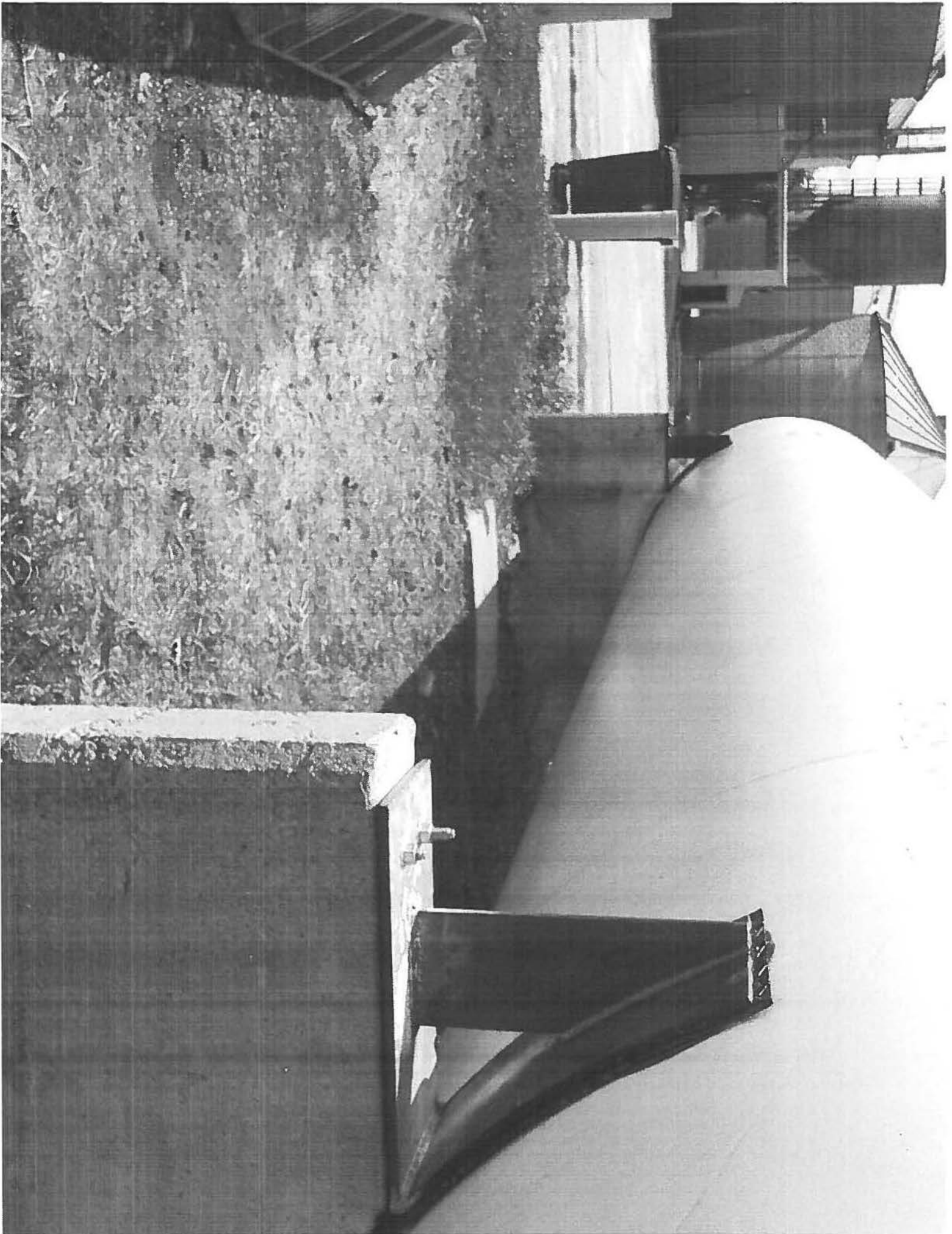
I certify that this compliance audit has evaluated compliance with the prevention program provisions of the U.S. Environmental Protection Agency's Chemical Accident Prevention Provisions (40 CFR Part 68) and verify that the procedures and practices developed are adequate and are being followed.

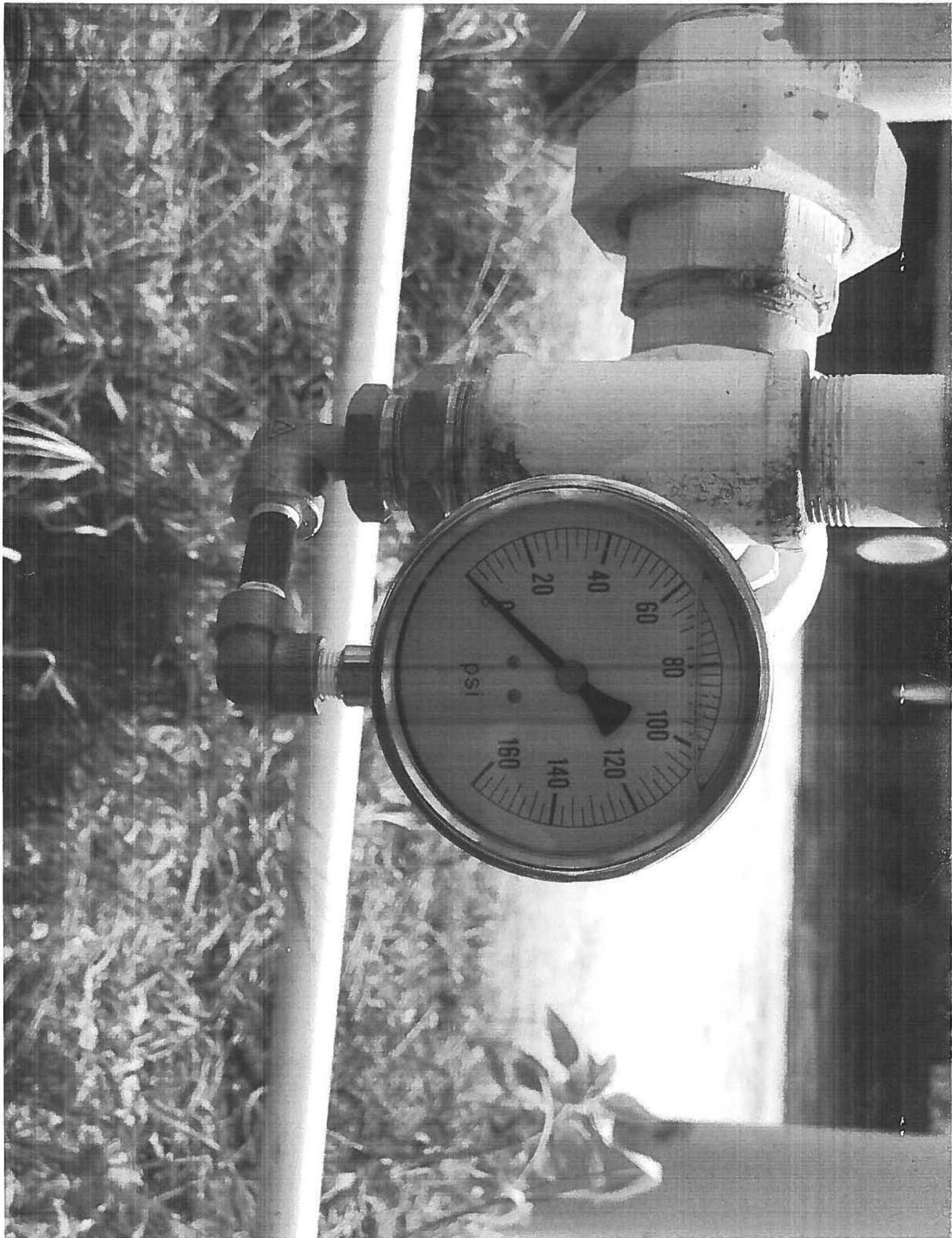
Any items found to be deficient during the audit were corrected at time of discovery.

Person Conducting Audit	<u>DJY</u> Signature	<u>6-4-14</u> Date
<u>David Young</u> Print Name of RMP Officer	<u>DJY</u> Signature	<u>6-4-14</u> Date









## D. SAFETY INFORMATION SUMMARY

### Process of transferring Anhydrous Ammonia

Safe operating temperatures of product:  $< -28.1^{\circ}\text{F}$  to  $< 271.4^{\circ}\text{F}$

Safe operating atmospheric temperatures:  $< -28.1^{\circ}\text{F}$  to  $< 271.4^{\circ}\text{F}$

Safe operating product pressures: 0 psig to  $< 250$  psig

Safe operating product flows: 0 GPM to 200 GMP

Product Composition: Colorless liquid or gas, pungent odor considered suffocating, pH range of 10.6 – 11.6, boiling point =  $-28.1^{\circ}\text{F}$ , critical temperature =  $271.4^{\circ}\text{F}$

For more detailed safety information of the process of handling Anhydrous Ammonia, review information in this chapter and the entire Risk Management Program.

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IN THE MATTER OF Aurora Elevator, Inc., Respondent  
Docket No. CAA-07-2014-0015

CERTIFICATE OF SERVICE

I certify that a true and correct copy of the foregoing Order was sent this day in the following manner to the addressees:

Copy by email to Attorney for Complainant:

johnson.kent@epa.gov

Copy by First Class Mail to:

David Young  
President  
Aurora Elevator, Inc  
417 Buffalo Street  
Aurora, Iowa 50607

Dated: 8/6/14



Kathy Robinson  
Hearing Clerk, Region 7