Mosby, Daryl

Confidential



- 10

From: Sent:

Wednesday, July 31, 2019 11:59 AM

Mosby, Dary

RE: Area Evacuation Alarm SAtlanta_AD19073112190.pdf

Good Morning,

Subject: Attachments:

As a follow-up to this morning's meeting, here is what we have:

Ending Weight recoded on AccuSolo: 285.6 LBS

Removed Drum Weight: 270.9 LBS

Weight Differential for CH #10 Scale connections: 9.1 LBS

Bases on the provided data, the recent Area Evacuation was a result of an estimated leak of: 5.6 LBS

Attached is a copy of the AccuSolo Graph to confirm final weight of the removed drum.

Thanks,

Elbert Sabb

Operations Manager

2971 Olympic Ind. Drive SE, Suite 116

Atlanta, GA 30339

Office: 404.355.4485

Cell: 404.732.5624

Fax: 404.355.4852

esabb@sterigenics.com

Sterigenics.

A Sotera Health company

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Investigation

Investigation Team

Team



Event Details

Task or Activity at Drum change Time of Incident

Physical or of Incident

Upon investigation it was found that the drum plugs were not installed along with the Immediate Causes valve not fully closed after drum change.

Taken

Immediate Action Closed the valve and installed drum plugs. An email was sent out to all operators making them aware of the incident and reminding the proper order of steps during a drum change. The operator involve was counseled on the error.

Safe Work Practices

Insurance Reporting

Insurance Group Notified

Undetermined

Root Cause Analysis

Root Cause

Unsafe Acts

Improper Work Technique

Costs

Cost Type

Other

Amount

0 USD

Description

NA

Follow Up Responsibilities

Responsible For

Daryl Mosby

Incident **Investigation**

Review

Follow Up Responsibilities

Responsible For Incident Closure Daryl Mosby

Corrective Actions

Corrective Actions

Corrective Action Plan Title

Operator Counsuled

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Corrective Action Plan Description

The operator involved was counseled.



Person Responsible



Due Date

2019-08-21

Priority

Medium

Targeted Root Cause

Improper Work Technique (Process) Unsafe Acts (Employee Actions)

Email Notifications

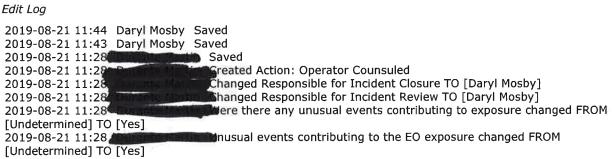
Notifications Log

Recipients	Parameters	Trigger	Days Sent
Daryl Mosby (Responsible for Incident Review)		Incident investigation completed	2019-08-21 11:35 AM
Dennis Gabler	Category: Incident; Incident Type: LEL/GC/Evacuation	Incident reported	2019-07-31 05:03 PM
Laura Hartman (EHS Director)	Category: Incident	Incident reported	2019-07-31 05:03 PM
Kevin Wagner (EHS Director); Kathleen Hoffman (EHS Director); Matthew Baitinger (EHS Director); Juan Segovia (Executive)	Category: Incident	Incident reported	2019-07-31 05:03 PM
Brian Musch; David Defina; Radu Grovu; Michael Long; Jerome Bel Sr; Michael Pineda	Category: Incident; Incident Type: Emission Control Upset; LEL/GC/Evacuation	Incident reported	2019-07-31 05:03 PM
Durante Martin (Responsible for Incident Investigation)		Incident reported	2019-07-31 05:03 PM

Audit Trail

Status Log

		Changed Status FROM [Pending Closure] TO [Closed] Changed Status FROM [Review] TO [Pending Closure]
2019-08-21 11:3		hanged Status FROM [Investigation] TO [Review]
2019-07-31 16:47	CHARLES AND AND ADDRESS OF THE PARTY OF THE	Changed Status FROM [Draft] TO [Investigation]
2019-07-31 16:47	Allumota dono	Created with Status: Draft



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First Report

IN-20190731-001

Description

Title

Area Evacuation

Description

A operator performed a drum change and did not close the EO valve completely on the empty drum. Due to the temperature in the chamber room it eventually caused the EO valve to leak and generated the area evacuation alarm on two SRI ports. We

calculated we lost 5.6 lbs. during this time.

What

LEL/GC/Evacuation

LEL/GC/Evacuation Additional Information

Meter Reading 314 ppm Area Evacuated Area

Where

Location of Incident

Sterigenics / EO U.S/Canada / Atlanta

Technology

EO

Occurred on

Company Premises? Yes Specific Location

of Occurrence

Chamber Room

When

Date of Occurrence

2019-07-31

Time of Occurrence

7:15 AM

Who

Person Involved



Relationship of Person Involved Employee

Supervisor of Person Involved



Date Shift Began

2019-07-30

Time Shift Began

7:00 PM

Witnesses

Witness



Relationship of Witness

Employee

Internal Reporting

Reported By Date Reported

2019-07-31

Follow Up Responsibilities

Responsible For Incident Investigation



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EHS Management

MSDS/Chemical Management

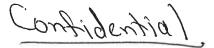


Add New Home Monitor Admin **Incidents** All **VIEW** Filter Add New Filters Applied: Incident Type; Location; Incident Date INCIDENT NUMBER DATE TITLE FACILITY DEPARTMENT TYPE **STATUS** IN-20190731-001 2019-07-31 Area **Atlanta** LEL/GC/Evacuation Closed Evacuation ZIV 3-27 LEL/GC/Evacuation Closed IN-20190411-001 2019-04-11 False Atlanta Alarm LEL #21 LEL/GC/Evacuation Closed IN-20190410-001 2019-04-10 Area **Atlanta** Evacuation IN-20190214-003 2019-02-14 LEL Fault # Atlanta LEL/GC/Evacuation Closed 26 False Alarm IN-20190122-001 2019-01-22 LEL Fault # Atlanta LEL/GC/Evacuation Closed 41 False Alarm IN-20181213-001 2018-12-13 Area Atlanta LEL/GC/Evacuation Closed Evacuation - False LEL 11 Alarm LEL/GC/Evacuation Closed IN-20181129-001 2018-11-29 False LEL **Atlanta** #8 Alarm **Atlanta** LEL/GC/Evacuation Closed IN-20181012-002 2018-10-12 False Alarm SRI LEL/GC/Evacuation Closed IN-20180926-001 2018-09-26 False **Atlanta** Alarm LEL #13 IN-20180907-001 2018-09-07 False LEL/GC/Evacuation Closed Atlanta Alarm LEL #33

LEL/GC/Evacuation Closed

Atlanta

IN-20180814-001 2018-08-14





EHNSCHDENAGROUMBER DATE/SDS/Chemical Managemorenty DEPARTMENT TYPE

STATUS

False

Alamonae

LEL 33

Add New

Monitor

Admin

IN-201801171001 2018-07017evArea

Atlanta

LATIL/GC/Evacuation **VIEW**

Clased

Evacuation

7-10-18 76815

IN-20180526-001 2018-05-26 False

Atlanta

LEL/GC/Evacuation Closed

Alarm at

LEL 18.

IN-20180402-002 2018-04-02 Area

evacuation (SRI port#

6 read 240.3

ppm).

Atlanta

Leak/Spill/Release; Closed

LEL/GC/Evacuation

IN-20180109-003 2018-01-09 False

Atlanta

LEL/GC/Evacuation Closed

Alarm at SRI port

#9.

IN-20180104-002 2018-01-04 Area

Atlanta

LEL/GC/Evacuation Closed

evacuation

20 (LEL -

Chamber 7 Vacuum pump read

> 10 % for 1 minute).

Sabb, Elbert

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From:

Bob Bog at all Boart @BALCHEM & OME

Sent:

Monday, August 05, 2019 4:07 PM

To:

Sabb, Elber

Cc:

Mosby, Daryl

Subject:

[EXTERNAL] RE: Drum Information #E002378

CAUTION: This email originated from outside of the organization. DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

Elbert,

It was returned with 4lbs and pressure of 46psig.

I am planning on being in your way the 21st of this month if you or Daryl are around for a visit.

Hopefully, we can catch up.

Best Regards,



Technical Director Specialty Products

843.761.2937 | c. 845.270.5005
 Sunrise Park Road
 New Hampton, NY 10958

From: Sabb, Elbert < <u>ESabb@Sterigenics.com</u>> Sent: Wednesday, July 31, 2019 4:40 PM

Cc: Mosby, Daryl < DMosby@sterigenics.com>

Subject: [External] Drum Information

Importance: High

CAUTION: This email originated from outside of Balchem. DO NOT click any links or open any attachments unless you recognize the sender and know the content is safe.

Good Evening,

I hope both of you are doing well.

We shipped the following empty drum back to you today:

Consideratial

