



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JOHN ELIAS BALDACCI
GOVERNOR

BETH NAGUSKY
ACTING COMMISSIONER

Lohmann Animal Health )
International, Inc. )
Kennebec County )
Winslow, Maine )
A-859-71-E-M )
Departmental
Findings of Fact and Order
Air Emission License
Amendment #1

After review of the air emission license application, staff investigation reports, and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., Section 344 and Section 590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

Lohmann Animal Health International, Inc. (LAH) was issued Air Emission License A-859-71-D-A/R on March 7, 2008, permitting the operation of two Class IV-A (veterinary) incinerators, to dispose of poultry remains.

LAH has requested to amend their License in order to remove Incinerator #1 and to move the permitted fuel limit from Incinerator #1 to Incinerator #3 increasing the annual fuel limit in Incinerator #3 from 10,000 to 20,000 gallons of propane fuel. There will be no change in emissions from LAH with this modification.

B. Application Classification

This amendment will increase emissions by less than 4 ton/year for each single pollutant and less than 8 ton/year for all pollutants combined. Therefore, this modification is determined to be a minor revision and has been processed as such.

III. AIR QUALITY ANALYSIS

According to 06-096 CMR 115 of the Maine Bureau of Air Quality Regulations, the level of air quality analysis and monitoring are determined on a case-by-case basis. Based on analysis for similar sources, the size of the source, the allowable emissions, the location, and the stack height, ambient air quality standards, including increments, are not expected to be violated. Therefore, an ambient air impact analysis will not be required for this source at this time.

ORDER

Based on the above Findings and subject to conditions listed below the Department concludes that the emissions from this above source:

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826
RAY BLDG., HOSPITAL ST.

BANGOR
106 HOGAN ROAD, SUITE 6
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04679-2094
(207) 764-0477 FAX: (207) 760-3143

Lohmann Animal Health	)	Departmental
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- will receive Best Practical Treatment,
- will not violate applicable emission standards
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License A-859-71-E-M, subject to the conditions found in A-859-71-D-A/R, and the following conditions:

Severability. The invalidity or unenforceability of any provision, or part thereof, of this License shall not affect the remainder of the provision or any other provisions. This License shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.

### SPECIFIC CONDITIONS

**The Following shall replace Specific Conditions 17, 22, 23, and 24 in Air Emission License A-859-71-D-A/R:**

- (17) Incinerator Charging Rates [06-096 CMR 115, BPT]  
 A. The Shenandoah P25-2GM1 (Incinerator #3) shall not exceed the maximum design charging rate of 1200 lbs.
- (22) Incinerator [06-096 CMR 115, 06-096 CMR 104, BPT]  
 A. Lohmann Animal Health shall not exceed a particulate matter emission limit from the incinerator of 0.12 gr/dscf corrected to 12% CO<sub>2</sub> from the auxiliary fuel.  
 B. Emissions from the Shenandoah Model P25-2GM1 (Incinerator #3) shall be limited to the following:

Pollutant	gr/dscf	lb/hr
PM	0.12	0.38
PM <sub>10</sub>	n/a	0.38
SO <sub>2</sub>	n/a	Neg.
NO <sub>x</sub>	n/a	0.23
CO	n/a	0.03
VOC	n/a	0.01

- (23) Visible emissions from the incinerator shall not exceed an opacity limit of 10% based on a six (6) minute block average basis.  
 [06-096 CMR 101, BPT]

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(24) Fuel use (based on a calendar year) shall be limited to:

- 20,000 gallons of LP Gas in Incinerator #3.

Compliance with the fuel use limits shall be demonstrated by receipts from the supplier documenting the quantity of fuel delivered. [06-096 CMR 115, BPT]

**The following are new Conditions:**

(29) LAH shall not operate Incinerator #1. [06-096 CMR 115, BPT]

(30) LAH shall notify the Department within 48 hours and submit a report to the Department on a quarterly basis if a malfunction or breakdown in any component causes a violation of any emission standard (38 M.R.S.A. §605).

DONE AND DATED IN AUGUSTA, MAINE THIS 22<sup>nd</sup> DAY OF September, 2010.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: *Beth Naguska*  
BETH NAGUSKA, ACTING COMMISSIONER

**The term of this amendment shall be concurrent with the term of Air Emission License A-859-71-D-A/R.**

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 3/25/2010

Date of application acceptance: 4/1/2010

Date filed with the Board of Environmental Protection: \_\_\_\_\_

This Order prepared by Jonathan Voisine, Bureau of Air Quality.



