dhec
Healthy People. Healthy Communities

April 28, 2017

Ms. Lizzette Danner
Johnson Controls Battery Group, Inc.
1800 Paper Mill Road
Florence, SC 29501

RE: Foundry Ventilation PM & Pb and Melter PM, Pb, Hg, & SO_2 Emissions Testing – Conducted December 6, 2016 - REDACTED Summary

Dear Ms. Danner:

The Department has reviewed the referenced tests and the results are summarized below:

Foundry Ventilation (ID 10) Average Emissions Summary			
Pollutant	**Emission Concentration**	**Emission Rate (lb/hr)**	**Emission Limit**
PM	2.50E-04 gr/dscf	1.48E-01	------
Lead	2.12E-07 gr/dscf	1.25E-04	8.70E-05 gr/dscf

Melter and Charge Prep (ID 06) Average Emissions Summary			
Pollutant	**Emission Concentration**	**Emission Rate (lb/hr)**	**Emission Limit**
PM	5.41E-04 gr/dscf	0.450	9.05 lb/hr[1]
Lead	5.89E-04 mg/dscm 2.57E-07 gr/dscf	2.15E-04	2.00E-01mg/dscm 8.70E-05 gr/dscf
Hg	1.16E-04 mg/dscm	4.22E-05[2]	12.0 lb/year[3]
SO_2	1.17E-02 ppmvd	1.13E-02[2]	<100 TPY[3]

[1]Based on SC Regulation 61-62.5, Standard No. 4.
[2]Emission rates may be used to demonstrate compliance with TPY emission limits submitted in semiannual compliance reports.
[3]Facility-wide emission limit.

Compliance Status of Foundry Ventilation & Melter / Charge Prep:
(Permit No. 1040-0129-CA).....**Compliance**
(40 CFR 63, Subpart X).....**Compliance**

The next test for lead for the Melter and Refining Ventilation shall be conducted no later than **December 31, 2017.** The next source test for PM & SO_2 for the Melter shall be conducted no later than **December 31, 2018**. The next source test for PM for the Refining Ventilation shall be conducted no later than **December 31, 2018**.

If I can be of further assistance, please do not hesitate to call me at (803) 898-0834 or e-mail me at williadt@dhec.sc.gov.

Sincerely,

Derek T. Williams
Environmental Health Manager
Source Evaluation Section
SC DHEC Bureau of Air Quality

Cc: Compliance file 1040-0129

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