November 22, 2017

Ionaer International Inc.
Mr. Perry Pauley
4848 E Cactus Road, 505-103
Scottsdale, AZ 85254

Dear Mr. Pauley:

Thank you for choosing UL Environment and its ISO 17025 accredited testing laboratories for your analytical needs. Attached is the final report, which presents the test protocols and resulting data.

We appreciate this opportunity to assist you. If you have any questions or wish to discuss your results, please feel free to contact us at (888) 485-4733.

Sincerely,

W. Elliott Horner, PhD, LEED®AP
Lead Scientist

Attachment: Report: 18762-02

UL Environment, Inc.
2211 Newmarket Parkway, Marietta, GA 30067-9399 USA
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PROJECT SUMMARY

UL Environment is pleased to present the test results for the unit identified as “Ionaer 7000” model, as submitted by Ionaer International Inc. The requested test protocol for this project was to measure ozone emissions in a duct with an airflow of 1,500 cubic feet per minute (CFM).

Ozone levels in the duct were measured with a Thermo Electron Corporation, 49i model ozone analyzer. Air from the duct was transferred through non-reactive (Teflon) tubing to the ozone analyzer.

Test conditions and results are presented below in Table 1 and charted in Figure 1.

UL Environment did not select the samples from an inventory listing. UL Environment did not determine whether the samples were representative of production samples, witness the production of the test samples, nor were we provided with information relative to the formulation or identification of component materials used in the test samples. The test results apply only to the actual samples tested.

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TABLE 1

ENVIRONMENTAL TEST REPORT FOR OZONE EMISSIONS TESTING

Maximum Measured Ozone Emission Concentration (ppm)
0.012

Customer: Ionaer International Inc.

Sample Identification: 18762-020AA

Product Description: AIR CLEANER; Ionaer 7000

Product Loading: 1 unit

Test Conditions: 1500 CFM airflow
50% RH ± 5% RH
25°C ± 2°C

Test Period: 11/20/2017 – 11/21/2017

Test Description: The product was received by UL Environment as packaged and shipped by the customer. The package was visually inspected and stored in a controlled environment. Prior to loading, the product was unpackaged and subjected to a 48-hour run in period. The product was then loaded into an air duct with a blower set at 1500 cfm. The device was then monitored for ozone emissions over an 8-hour period.

Ozone analysis conducted using a TEI Model 49i UV-absorbance based analyzer with a detection limit of 0.5 ppb (0.0005 ppm).

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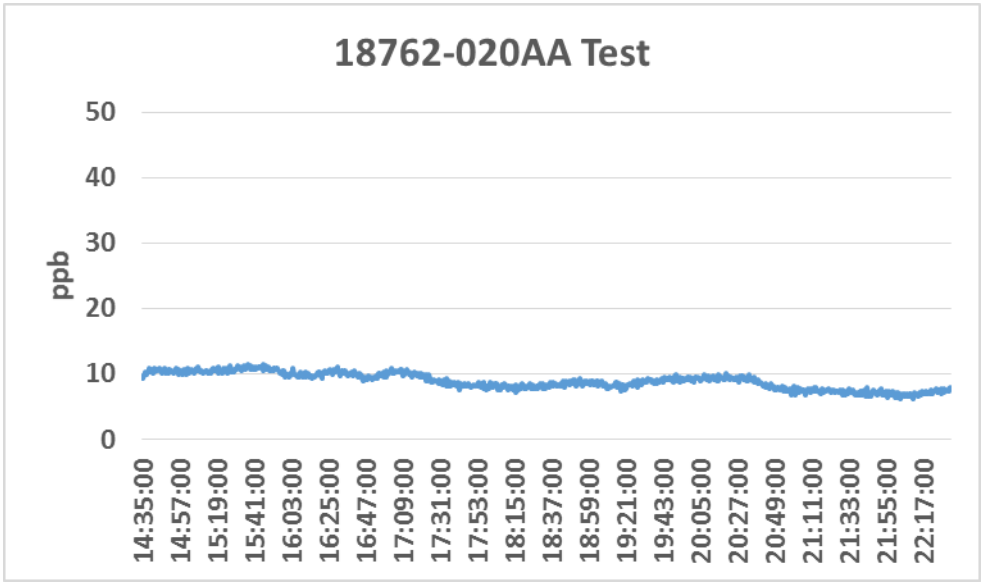
FIGURE 1

OZONE LEVELS DURING 8 HOURS IN A TEST DUCT WITH 1,500 CFM AIRFLOW



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