



2024-01-12

Mr. Ian Ecclestone
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US

E-mail: ian.ecclestone@vollrathco.com

Reference: Project: 4791045497

Product: EPA 202 TEST METHOD: Using the Vollrath Model COV-208240-FS
Convection Oven Cooking the Below Food Products as Media.

Dear Ian,

Per your request, project 4791045497 was opened for the evaluation of grease-laden vapors produced from cooking chicken in Model COV-208240-FS Convection Oven.

The scope of this project was to determine the total grease emissions from cooking chicken as the specified food load as noted in Appendix A. Testing is conducted in accordance with EPA Method 202 test guidelines to determine ultimate results. Results are used to determine compliance with Section 59 of UL710B, the Standard for Recirculating Systems, formerly Section 14 of UL 197, Eighth Edition, Supplement SB, and paragraph 4.1.1.2 of NFPA96, the Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations. The test was conducted at our facility in Northbrook, IL on January 4, 2024. This letter will report the results of the EPA202 test.

For the record, the test was conducted using the Vollrath model COV-208240-FS convection rated 208-240 V, 4326-5760 W, 20.8-24 A, 1 phase, 60 Hz. The test media as shown in Appendix A. The number of cycles and food quantity is also as shown in Appendix A. The results are considered to comply with UL710B, Section 59, formerly Section 14 of UL 197, Eighth Edition, Supplement SB, and NFPA96, paragraph 4.1.1.2 when tested with specified food load and cook times since the total amount of grease-laden effluents collected was 0.12 mg/m³, which is less than 5 mg/m³ limit.



The tested model COV-208240-FS was considered worst case and was considered to also represent the models COV-208240-HS, COV-120-HS, and PBOV-208240 Ovens.

No evaluation was conducted in regard to fire protection. In addition, no evaluation of the cooking appliance was conducted in respects to safety and sanitation.

UL LLC did not select the samples, determine whether the samples were representative of production samples or 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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This letter will serve to report that all tests on the subject product have been completed. All information generated will be retained for future use. This concludes all work associated with Project 4791045497 and we are therefore closing this project. Our Accounting Department has been instructed to bill you for all charges incurred.

Thank you for the opportunity to provide your company with these services. Please do not hesitate to contact us if you should have any questions or comments.

Very truly yours,

A handwritten signature in black ink that reads 'Fred Zaplatosch'.

Fred Zaplatosch
Sr. Staff Engineer
Northbrook, IL

Reviewed by:

A handwritten signature in black ink that reads 'William G. Morler'.

William Morler
Engineering Lead
Northbrook, IL