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CERTIFICATION REPORT - CONTAINMENT VENTILATED ENCLOSURE (CVE)

Certification Report #: 02239-20250724AC01
 Customer Name: Boothwyn Pharmacy
 Customer Address: 221 Gale Lane, Kennett Square PA 19348

Contact:	[REDACTED]		
Building / Floor:	Main / First	Test Completion Date:	24 Jul 2025
Room:	165	Next Service Date:	ASAP
Manufacturer & Model:	[REDACTED]	Customer ID Number:	N/A
Serial Number:	N/A	CEC Asset Number:	02239

Comments: Blower at maximum speed.

Completed By: [REDACTED] Date: 24 Jul 2025

X [REDACTED]

Reviewed by Customer (if applicable):

X _____



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TEST RESULTS SUMMARY		
Airflow Velocity Results Refer to page 3 for details.	Inflow Velocity Test	FAIL
Site Installation Tests Refer to page 4 for details.	Airflow or Pressure Alarm Test	N/A
	Exhaust System Performance - Canopy Connection	N/A
	Exhaust System Performance - Hard Duct Connection	FAIL
Airflow Smoke Pattern Tests Refer to page 4 for details.	Work Access Opening - Outside Perimeter	PASS
	Work Access Opening - Inside Perimeter	PASS
HEPA Filter Integrity Tests Refer to page 5 for details.	As Found: First Exhaust Filter	PASS
	Final: First Exhaust Filter	PASS
	As Found: Second Exhaust Filter	NO TEST
	Final: Second Exhaust Filter	NO TEST

Certified in accordance with the most current:

Comments:	N/A
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Airflow Velocity Tests

Anemometer Mfg.:	TSI	Model:	966
S/N:	P17260084	Calibration Due:	13-Mar-2026
Number of Downflow Velocity Readings Taken:	12		
Diagram of Downflow Velocity Profile Taken at:	The plane of the sash opening		

Data points reported in feet per minute (FPM)

			23	29	50	50	68	71			
			27	40	44	37	48	55			

Average Velocity

Acceptable Min (FPM):	60
Acceptable Max (FPM):	100
Average Velocity in FPM (calculated):	45

PASS

FAIL

Exhaust Damper Location:	N/A	Blower Speed Required:	Increase
Velocity tested in accordance with:	Manufacturer Specifications	Differential Pressure: Hood	N/A
Exhaust Configuration:	Vented back into room	Differential Pressure: Exhaust Duct	N/A

Comments: N/A



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Final Airflow Velocity Tests

Anemometer Mfg.:	TSI	Model:	966
S/N:	P17260084	Calibration Due:	13-Mar-2026
Number of Downflow Velocity Readings Taken:	12		
Diagram of Downflow Velocity Profile Taken at:	The plane of the sash opening		

Data points reported in feet per minute (FPM)

			23	29	50	50	68	71			
			27	40	44	37	48	55			

Average Velocity

Acceptable Min (FPM):	60
Acceptable Max (FPM):	100
Average Velocity in FPM (calculated):	45

PASS

FAIL

Exhaust Damper Location:	N/A	Blower Speed Required:	Increase
Velocity tested in accordance with:	Manufacturer Specifications	Differential Pressure: Hood	N/A
Exhaust Configuration:	Vented back into room	Differential Pressure: Exhaust Duct	N/A

Comments: Blower speed at maximum, did not take second set of readings.



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Site Installation Assessments Tests

Test	Acceptance Criteria	Result
Airflow or Pressure Alarm Test	Verify the alarm setpoint using the containment ventilated enclosure or alarm manufacturer performance verification procedures.	N/A No alarm installed Alarm Adjustments: No adjustments made
Exhaust System Performance (Canopy Connection)	Using a visual smoke source verify negative pressure at the canopy air gap. Measure the duct static pressure between the air gap and any duct mounted balancing damper.	N/A

Airflow Smoke Pattern Tests

Test	Acceptance Criteria	Result	Comments
Work Access Opening Outside Perimeter	Smoke source shall be passed along the entire perimeter of the work opening edges, approximately 1.5" (40mm) outside the cabinet. Particular attention should be paid to the corners and vertical edges.	PASS	N/A
Work Access Opening Inside Perimeter	Smoke source shall be passed from one end of the enclosure to the other 1" (25mm) just inside the view screen, just above the top of the access opening.	PASS	N/A



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HEPA Filter Integrity Test

Filters that can be scanned: With the nozzle of the probe held not more than 1 inch (25 mm) from the area being tested, scan the entire downstream side of the HEPA/ULPA filter(s) and the perimeter of each filter pack by passing the photometer probe in slightly overlapping strokes at a travers rate of no more than 2 in/s (50 mm/s). Separate passes shall be made around the entire periphery of the filter along the bond between the filter pack and frame, and around the seal between the filter and the device.

Filters that are probe tested: Introduce the upstream aerosol per the manufacturers procedure and perform the probe test at a location where adequate mixing is achieved.

Photometer Mfg.:	ATI	Model:	21
S/N:	32755	Calibration Due:	22-Oct-2025
Upstream Aerosol Challenge Concentration (calculated):		75	µg/l

Diagram of filter leak test results:

First Exhaust Filter

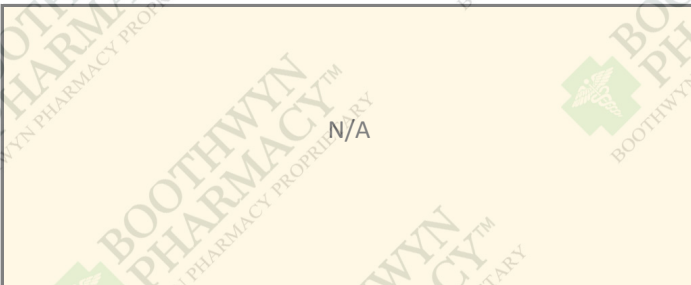


First Exhaust Filter Test Result:

As Found:	PASS
Final:	PASS
Leaks Repaired:	N/A
Repaired With:	N/A

Test Method:	Probe tested
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Second Exhaust Filter



Second Exhaust Filter Test Result:

As Found:	NO TEST
Final:	NO TEST
Leaks Repaired:	N/A
Repaired With:	N/A

Test Method:	No Test
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Legend	
/	Media Leakage
X	Frame Leakage
BR	Before Repair
AR	After Repair
ZAR	Zero After Repair
Z	Zero Leakage

Exhaust HEPA Filter(s) Size:	(1) 12" x 12" HEPA
HEPA Filter(s) Replaced:	No