


Negative Pressure Test Project Planning



Project Planning

Test Type: Negative Pressure Room

 **Survey Date:** Sep 6th, 2025

 **Floorplan:** BSL2 Rm 1403 Safe Traces Test Plan.pdf.png

[Manage OPs/SPs](#)

 **Test Area:** 

Square: 162 sq.ft

↑ ↓ Ceiling Height: 9 ft

4-Way AS

 **Origin Points:** 1

 **Interval Count:** 4

 **Sample Points:** 1

Interval Duration: 4-way 

SKC

 **Sample Points:** 4




 **Interval Count:** 1

Interval Duration: SKC 

Comments: 

Project Planning

Scenarios

	BSL2 1403 NEGATIVE PRESSURE TEST 
NAME	BSL2 1403 Negative Pressure Test 
DESCRIPTION	Static-Normal Ops 
TEST DATE	2025-09-06
TEST START TIME	08:00 AM
OP COUNT	1
OP TAG	Tag-C1

Project Planning

SP-001 SAMPLE NUMBERS	SN-001 To SN-004
SP-002	SN-005
SP-003	SN-006
SP-004	SN-007
SP-005	SN-008

Project Planning

HVAC ACH	23
PEC ACH	
SELECTOR KNOB ACH SETTING	16 - 24
TEST DURATION (MIN)	20
ACH PASS/FAIL	6
LEAKAGE PASS/FAIL	1
DeltaP SP-002 vs SP-001	
DeltaP SP-003 vs SP-001	
DeltaP SP-004 vs SP-001	

Manage Floorplan

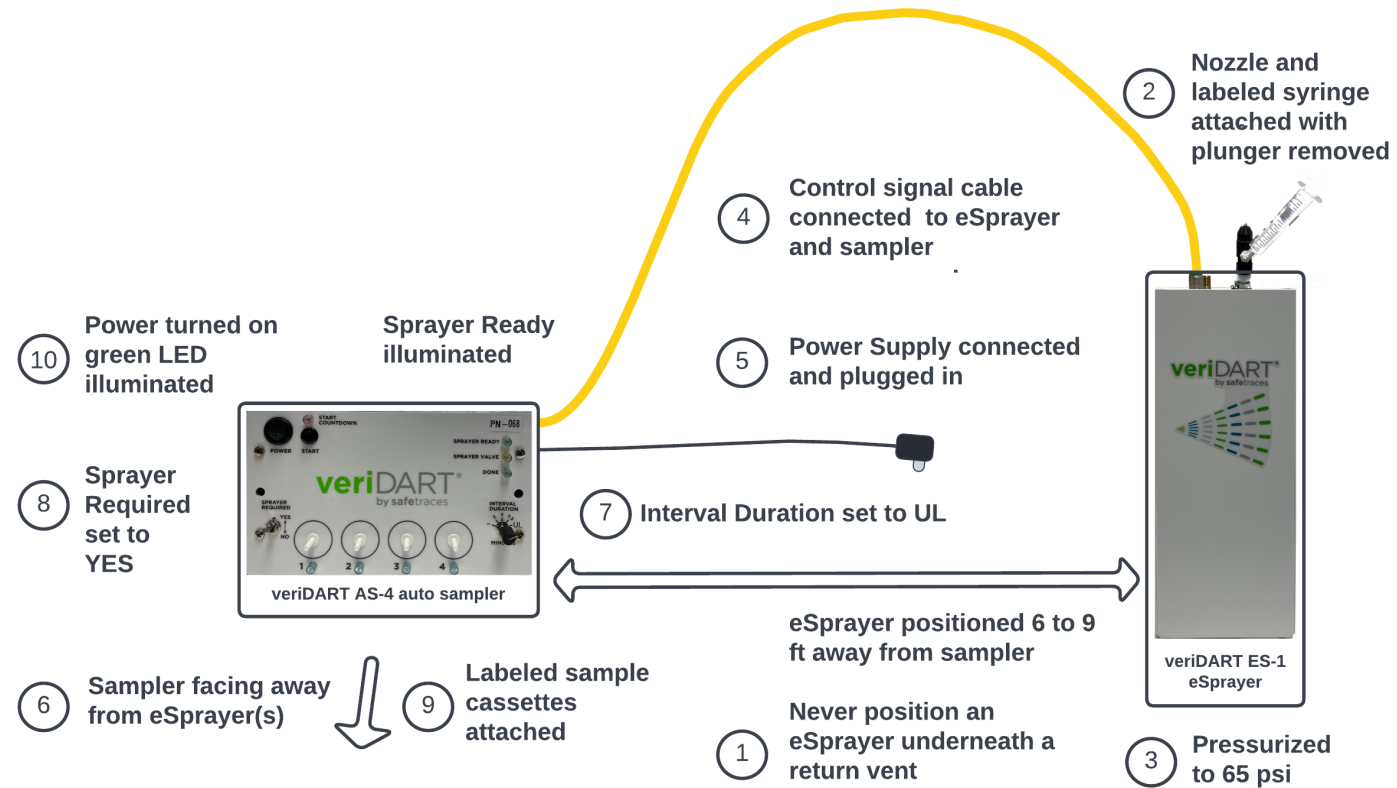
OP/SP Number	OP/SP Location
OP-01	HD Room
SP-001	HD Room
SP-002	Biosafety Cabinet
SP-003	Ante Room
SP-004	Non-HD Room
SP-005	Classroom



Equipment for Negative Pressure Test



Optional Equipment Set-Up



Best Practices

- Get a cart to help carry the equipment
- Verify the 4-Channel air-sampler interval setting (ACH) selection is on the correct ACH
- Turn on the single Channel Air Samplers during set-up
- Verify the locations of HVAC supply and returns for equipment positioning
- Do not pre-label the sample cassettes
- Make sure the sample cassettes are snugly attached to the air sampler
- Listen for the “click” sound of the “nozzle” when attaching to the eSprayer

Best Practices

- Wear gloves when handling Tags
- Make sure the “plunger” is removed from the syringe
- Remove pelican, unused equipment, supplies, etc. before starting the test
- If you have to “redo” a test for any reason, use a different Tag
- After the test verify the “Done” green light is visible on the 4-Channel Air Sampler
- Verify the sample number label on each sample cassette are in the correct order before removing from the air sampler
- Document all changes on the “Project Configuration” form

Results Visualization

Description	eACH	SP-002	SP-003	SP-004	SP-005
Normal Ops	32.07	<0.01%	<0.01%	<0.01%	<0.01%

Sample type: **filter**
 HVAC ACH: **23**
 PEC ACH:
 ACH pass/fail: **6**
 Leakage pass/fail: **1**

Results Evaluation

- Pass
- Failure
- N.A.

