* **Pre-Execution**
  + Verify all equipment and tags needed to complete all tests:
    - Air Sampler(s), eSprayer(s), Wireless Modules, Air Pressurizer, Cords, Laser Distance Measurer, Power Supplies
    - Tags
    - Labels: Origin Points, Sample Points and Samples
  + Walk the facility map accuracy for:
    - Test Locations, access, and names or descriptions
  + Make real-time changes if test location(s), Origin Point(s) and/or Sample Point(s) have changed on:
    - Project Configuration
    - Facility Maps
  + Find an area away from test locations to set-up and prepare for execution
    - Hall, conference room, office, etc.
  + Verify the area and ceiling height of each test location
    - Area (sqft), Ceiling Height (ft), Volume (ft3)
    - Basic Formula for Area = Length x Width
    - Basic Formula for Area of a Triangle: A = (hbb)/2
    - Basic Formula for Area of a Circle: A = πr2 (Pi = 3.14)
    - Basic Formula for Area of a Trapezoid: A = [(a + b)/2]h
    - Addition of Areas: Area A + Area B = Total Area

Shape, rectangle

Description automatically generated

A

B

Chart

Description automatically generated with medium confidence Diagram, pie chart

Description automatically generated

* + Verify the equipment that is needed for each test after you verify the total area

|  |  |  |  |
| --- | --- | --- | --- |
| **Total Area sqft** | **Air Samplers** | **eSprayers** | **Modules** |
| <2000 | 1 | 1 | 0 |
| 2001-4000 | 1 | 2 | 2 |
| 4001-6000 | 2 | 3 | 3 |
| 6001-8000 | 2 | 4 | 4 |

* **Set-Up**
  + See UL Quick Set-Up Guide
  + See UL Quick Start Guide
* **Mock Test**
  + Before execution run a mock test (no nozzle or tag is attached to the eSprayer) to verify proper set-up.
  + When using wireless modules: **PRESS THE START BUTTON ON THE MODULE NOT THE AIR SAMPLER**
* **Origin and Sample Point Positioning Variations**

2-OP and 1-SP

A picture containing graphical user interface

Description automatically generated

3-OP and 2-SP

Graphical user interface

Description automatically generated

3-OP and 2-SP

Diagram

Description automatically generated

4-OP and 2-SP

Graphical user interface

Description automatically generated with medium confidence

4-OP and 2-SP

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