



AUI Department of Environmental Safety & Security Annual Paint Booth/Spray Area Inspection

Annual Paint Booth/Spray Area Inspection

Inspector Name:

Date:

Time:

Location of Inspection:

Annual Paint Booth/Spray Area Inspection

Using the checklist below and the instructions for ventilation survey, inspect all paint booths/spray areas. Note any deficiencies and attach any work orders for those deficiencies to this form.

- * Inspection and survey must be conducted on an annual basis
- * Maintain checklist and survey as documentation of this requirement

Item	Yes	No	N/A	Comments
A. Operations and Maintenance				
1. Is there accumulation of overspray on interior areas (floors and walls) of spray booth?				
2. Are tools used for scraping residues and debris non-sparking (no plastic)?				
3. Are spray booths installed so that all portions are readily accessible for cleaning?				
4. Are the fire sprinkler heads kept free of accumulated deposits?				
5. Is at least 3 feet on all sides of a spray booth maintained free of any stored combustible materials?				
6. Are hot surfaces such as space heaters, appliances, and steam pipes located away from spray booth/spray-finishing operations?				
7. Are residue scrapings and debris immediately removed from the premises and disposed of properly?				
8. Is only the quantity of flammable or combustible liquids required for one day kept near spraying operations?				
9. When flammable liquids are transferred from one container to another, are both containers bonded and grounded?				
10. Are containers supplying spray nozzles of a closed type, or are they provided with a metal cover?				
11. Are smoking and open flames prohibited in any spray booth/spray-finishing area?				
12. Are spray areas posted with a conspicuous sign reading No Smoking?				
13. Are metal waste cans with self-closing lids provided wherever rags or waste are impregnated with finishing material? Are all such rags or waste deposited immediately after use in provided metal waste cans?				
B. Ventilation				

1. Are spray booths/spray areas provided with mechanical ventilation that is kept in use during spraying?				
2. Are exhaust ventilation systems well-constructed and in good working order?				
3. Are doors to downdraft booths kept closed when the booth is in operation?				
4. Are visible gauges, audible alarms, or pressure-activated devices installed to indicate or insure that the required air velocity is maintained?				
5. Is spray booth exhaust air directed so that it will not contaminate makeup air or create a nuisance?				
6. Is clean, fresh makeup air supplied to the area to replace the volume of air exhausted through the spray booth? Note: If the outdoor air temperature is less than 55°F, makeup air must be heated.				
7. Are freshly spray-finished articles set to dry in areas with adequate ventilation?				

VENTILATION VELOCITY:

The average velocity of air flowing into the face of spray booths must be maintained at a minimum of 100 feet per minute.

Instructions:

Using a NIST certified anemometer;

1. If required, adjust the anemometer for altitude.
2. Set the anemometer for feet per minute (FPM).
3. Hold the anemometer at least 1 inch from the face of the spray booth ventilation face.
4. In one foot square intervals, take a reading from the anemometer.

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5. Determine the average face velocity.

Average Face Velocity = $(\text{Reading}_1 + \text{Reading}_2 + \text{Reading}_3 + \text{Reading}_i \dots) / (\text{Number of Readings})$

6. Are there any corrections required? If yes, attach all correspondence for the corrections to this form.

Instrument Details:

1. Name and model of Instrument.
2. Date of calibration.
3. Attach a copy of calibration certificate to this form.

COMMENTS OR CONCERNS:

Date entered into Inspection Database: _____

Initials of person entering into Inspection Database: _____