



Pollution Prevention & Spray Paint Transfer Efficiency

✓ Checklist

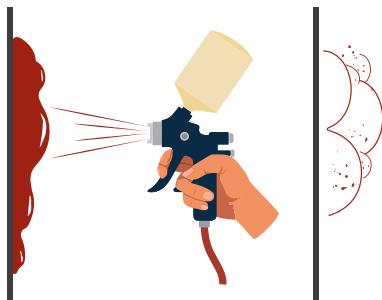


This checklist serves as a resource for implementing the best management practices for increasing transfer efficiency. Implementing these management practices will increase productivity and efficiency and reduce purchasing costs, air emissions, toxins, solvents, and other potentially hazardous materials to save your business money and improve its environmental impact.

Provide proper spray training for employees

Distance

- ✓ Maintain specified distance from intended surface
- ✓ Keep distance constant



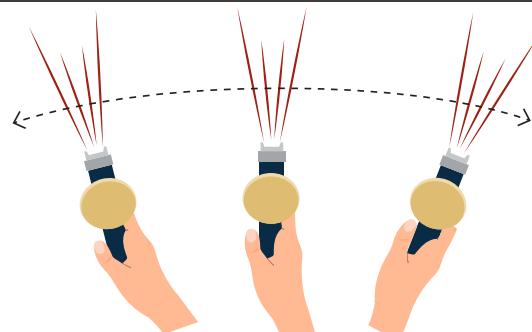
Improper gun-to-target distance.

Proper gun-to-target distance.

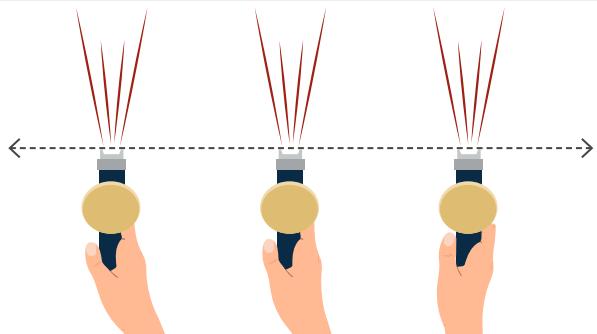
The actions outlined do not replace or ensure compliance with regulatory standards set by the Indiana Department of Environmental Management (IDEM). If regulatory or compliance assistance is needed, refer to IDEM's **Compliance and Technical Assistance Program (CTAP)**.

Arm movement

- ✓ Hold applicator perpendicular to intended surface
- ✓ Hold applicator at the right angles
- ✓ For small surfaces: move wrist back and forth



Improper stroke, fanning



Proper spray stroke.

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Pressure

- ✓ Use lowest pressure applicable

Trigger

- ✓ Trigger spray applicator with each stroke
- ✓ Start each stroke before pulling the trigger
- ✓ Release the trigger before the end of each stroke

Select the right nozzle

- ✓ Use the most appropriate nozzle for application
- ✓ Use large-range nozzles for larger surfaces
- ✓ Use small-range nozzles for smaller surfaces

Spray pattern

- ✓ Know pattern before spraying
- ✓ Use straight, uniform lines
- ✓ Avoid going over minimum film thickness required

Storage temperature

- ✓ Don't store in low temperatures
- ✓ Store paints and coating at manufacturer's recommended temperatures

Regular maintenance

- ✓ Inspect parts and spray applicators regularly
- ✓ Check for leaks and spills
- ✓ Group light and dark coating materials separately
- ✓ Designate specific spray applicators for specific coating material colors or types

Reduce use of toxins, solvents, and chemicals

- ✓ Purchase and use least amount of material necessary
- ✓ Don't add additives when not required
- ✓ Don't open new containers when one is already open
- ✓ Keep lids on containers sealed



Rules, regulations and permits may require specific spray gun use and minimum transfer efficiency, as well as require training programs for operators. Hazardous waste generator requirements may also apply. Factors like paint characteristics and usage determine unusable status. Using water-based paint can reduce hazardous waste.

Resources

IDE�'s Compliance and Technical Assistance Program (CTAP) is a free and confidential service available to all Indiana businesses and regulated entities for on-site and remote assistance.

Contact **CTAP** at **(317) 232-8172** or use the **CTAP online Portal** at <https://portal.idem.IN.gov/ctap> to submit a request for confidential regulatory and technical assistance. For more information, visit idem.IN.gov/CTAP.

For more information and resources on spray paint transfer efficiency, pollution prevention strategies, visit idem.IN.gov/prevention.

