PART 1 GENERAL

1.01 SUBMITTALS
   A. Shop drawings and product data.
   B. Operation and Maintenance manuals.
   C. Provide record drawings of unit and venting system (both electronic and hard copy formats).
   D. Special permits for flammable/combustible use by Denver Fire Department.

PART 2 PRODUCTS

2.01 FABRICATION
   A. All booths shall comply with all regulatory agencies having jurisdiction, including but not limited to: NEC, OSHA, NFPA, IBC and Denver Code requirements and be UL listed.
   B. All booths to have a steel or concrete non-combustible floor.
   C. All booths shall have the following interlocks:
      1. Prevents spraying while drying.
      2. Ventilation system safe atmosphere and auto shut off drying when ventilation fails.
      3. Auto shut off drying if air temperature exceeds 160 degrees.
   D. All booth surfaces shall be smooth, continuous to facilitate cleaning and air movement.

2.02 MATERIALS
   A. Self supporting 18 gauge galvanized steel panels.
   B. Exhaust fans are of non-sparking construction. The motor drive and bearings are to be sealed from the air stream of the exhaust.
   C. Filters: Capture efficiency 99.6% down to 3 microns (all UL Listed) using standard sizes.
   D. Built-in overhead fluorescent lighting behind sealed clear tempered (explosion proof) safety glass (all UL listed).
   E. Switch shall be covered and all wiring installed so as to be explosion proof.
   F. Provide permanent signage that lists approved uses by the manufacturer, including no smoking sign.
   G. Provide 100 LFPM face velocity minimum.
   H. Line booths with fire resistant paper adhered with masking tape.

PART 3 EXECUTION

3.01 SPARE PARTS
   A. Provide the following:
      1. Replacement filters (one set)
      2. One roll of fire resistant paper (Flame-A-Guard) as available from NAPA Auto Parts or other vendors.

END OF SECTION 11 57 00