

CENTRAL OFFICE EQUIPMENT  
PAINTING AND CLEANING

1. GENERAL

1.01 This section describes requirements and procedures for painting and cleaning central office superstructure, bay frames, equipment parts, etc.

1.02 This section is reissued to clarify painting and cleaning procedures for central office use. Marginal arrows are used to identify the new material. Remove the previous issue of this section from the binder or microfiche file and replace it with this issue.

2. GENERAL SAFETY PRECAUTIONS

2.01 Soiled rags dampened with cleaning solvents or used with paint or paint thinner shall be kept in airtight containers, preferably outside of the central office, to lessen the possibility of fire.

2.02 Flammable fluids such as gasoline, benzene, naphtha, alcohol, turpentine, etc, shall not be used in central offices.

2.03 If it is necessary to thin paint, the necessary mixing shall be done outside the central office.

2.04 Paint, paint thinner, etc, shall be allotted a special, out-of-the-way storage area, preferably outside of the central office, where accidental spillage may be avoided. A "no smoking" rule should be established in this storage area.

2.05 Under no circumstances should touch-up paint in aerosol cans be used in the central office. The use of spray cans can cause circuit contact surfaces to become contaminated.

3. PAINTING AND RETOUCHING METAL SURFACES

3.01 Paints for original applications or for retouching the various central office frames and equipment are listed in Table 1. Before applying the paint to any surface, mix the paint thoroughly.

3.02 Surfaces to be painted may be cleaned as follows:

- (a) Surfaces that are to receive an original finish must be scraped or wire-brushed free of all loose scale and rust. Such surfaces should then be wiped free of grease and oil with a cloth moistened with paint thinner or a similar suitable solvent. This work should be done in an outside, well-ventilated area, not inside the central office.

- (b) Previously painted surfaces that are to be retouched must be cleaned with a cloth dampened with plain water before painting. Metal surfaces that cannot be cleaned with plain water because of grease or oil should be wiped clean with trichloroethane solvent.

3.03 Normally, equipment received from the supplier is painted according to company specifications. In some instances, the items supplied are unpainted. These shall be painted on the job with one coat of metal primer and one or more coats of paint to match the associated equipment.

3.04 When a surface is excessively marred, the entire surface should be repainted because touch-up painting creates a mottled or polka-dotted appearance.

3.05 Intermittent retouching should be avoided. Iron-work, racks, trunk boards, etc, may best be retouched as soon as possible after erection. Surfaces marred during subsequent operations shall be refinished as a group prior to testing.

3.06 Retouching of smooth surfaces (can covers, etc) shall be done with a fine brush. Use a minimum amount of paint and confine the paint to the smallest possible area

4. PAINTING AND RETOUCHING WOOD SURFACES

4.01 Prior to painting, staining, or polishing wooden fixtures, the surfaces should be thoroughly cleaned as follows:

- (a) Wipe the surface with a cloth or sponge and plain water. If plain water will not remove the dirt, a mild solution of detergent may be used.
- (b) When the surface dries, buff it with dry cloth,

4.02 Wooden surfaces associated with the metal framework (e.g. wooden blocks used as spacers, frame designation boards, etc) should be given one coat of paint (Table 1) to match its associated framework as closely as possible.

4.03 Switchboards, test desks, and similar equipment should be refinished or retouched only to the extent of cleaning, polishing and the touching-up of minor scratches. When wooden parts have been gouged or otherwise seriously damaged, refer to local telephone company procedures.

4.04 If polishing wooden equipment is necessary, any good grade of commercial polish may be used.

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4.05 Rolling ladders that are marred or soiled by installation personnel should be cleaned or repaired before completion of the installation job.

4.06 Rolling ladders should be wiped clean with a cloth dampened with trichloroethane solvent.

4.07 If trichloroethane solvent does not adequately clean the ladders, a commercial cleanser should be used. Cleaning shall be followed by the application of clear penetrating wood finish. Excess wood finish shall be wiped off with a clean dry cloth within 15 minutes of application. (Cleaners that tend to leave powdered residue should not be used.)

4.08 Any gouges in the wood likely to cause splinters should be dressed and smoothed with fine sandpaper or emery cloth.

#### 5. MISCELLANEOUS INSTRUCTIONS

5.01 Aluminum or aluminum-finished parts should not be painted to match adjacent equipment. This includes thin-wall or flexible conduit, switch or junction boxes, etc.

5.02 Galvanized and electroplated material, including armored cable, miscellaneous nuts, bolts, and washers, and miscellaneous cable rack and trunk board assembly parts shall not be painted.

5.03 Asbestos lumber that is used to covet cable holes shall not be painted.

5.04 Caulking compound or cement grouting used under bay frames, relay racks, etc. shall be painted to match the adjacent equipment.

5.05 Identification symbols and markings previously stamped on painted surfaces shall be removed and painted over. Markings that are not noticeable from floor level need not be removed.

5.06 Marred or scratched fuse panels, jack spacers, lamp strips, and similar types of equipment shall be re-touched.

5.07 Equipment items that are marred, damaged, rusted, or corroded beyond economical repair or refinishing should be reported to the appropriate personnel in accordance with local telephone company procedures.

→ Table 1. Paint for Automatic Switching Equipment.

SUPPLY NO.	CONTAINER SIZE	DESCRIPTION	SPECIFICATION	SUPPLIER
H-880844-4	1 Pt.	Air-drying gray enamel		Adheron Coating Corp.
H-880844-9	4 Oz.	Air-drying, gray touch-up enamel for Cook Electric frames and racks		Cook Electric Co.
H-880844-1 4	1 Qt.	Hot izon blue touch-up lacquer for TSPS operator's console	687	Adheron Coating Corp.
H-880844-1 5	1 Qt.	Light sage green touch-up lacquer for TSPS operator's console	687	Adheron Coating Corp.
H-880844-1 6	1 Qt.	Dusty orange touch-up lacquer for TSPS operator's console	687	Adheron Coating Corp.
H-880844-1 7	1 Qt.	Charcoal gray touch-up lacquer for TSPS operator's console	687	Adheron Coating Corp.
H-880844-1 8	1 Qt.	Light beige touch-up lacquer for TSPS operator's console	687	Adheron Coating Corp.
H-880844-1 9	1 Pt.	Air-drying silver satin touch-up enamel	672	Reliance Universal Co.
H-880844-20	1 Qt.	Beige touch-up for EAX systems	672	Adheron Coating Corp.
H-880844-21	1 Pt.	Air-drying, blue, textured touch-up enamel for CXP-5 Systems	691	Reliance Universal Co.
H-880844-22	1 Pt.	Silver gray touch-up enamel	692	Reliance Universal Co.
H-880844-24	1 Qt.	Charcoal gray touch-up paint for EAX systems.	672	Adheron Coating Corp.
H-880844-26	1 Qt.	Antique brown ARMORHIDE® touch-up paint for EPABX systems	687	Adheron Coating Corp.
H-880844-27	1 Pt.	Light beige touch-up lacquer	687	Adheron Coating Corp.
H-880844-28	1 Pt.	Charcoal gray touch-up paint	672	Adheron Coating Corp.
H-880844-29	1 Pt.	Antique brown ARMORHIDE touch-up paint for EPABX systems	687	Coating Corp.

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