

AC POWER CABLE AND WIRE

MATERIAL IDENTIFICATION

Asbestos type insulated wire is found mainly in AC power rectifiers. As of 1985, the installation of all asbestos covered wire has been discontinued. AC input leads type AA (comcode 996893228) insulated power wire has been identified as containing asbestos. It is located in regulated rectifier -130 volts -100 AMPS DC, semiconductor J87224-1 A-2, SD811593-01, T81593-30 and 31.

Note that an exposure assessment and personal monitoring may be warranted. Contact your functional environment and safety organization to arrange for this before work begins.

PERSONAL PROTECTIVE EQUIPMENT

1. Tyvek suit, with hood and booties
2. Safety glasses
3. Latex gloves
4. Respirator (if exposure assessment warrants)

EQUIPMENT AND SUPPLIES

1. Polyethylene, 6 mil
2. Amended water in spray bottles
3. Asbestos disposal bags
4. HEPA vacuum cleaner
5. Asbestos warning flagging or other means to cordon off the area

SITE PREPARATION

1. Cordon off the work area
2. Cover the floor with plastic extending 6 feet on all sides from the work area
3. Insure that there is no electrical power to the wires to be removed, and lock off and tag out the source of energy.

WORK PROCEDURES

1. The wire and cable should be removed, if possible, at the terminal point by unscrewing lugs.
2. If the wire or cable is hard wired, it should be carefully clipped at the terminal point to avoid cutting the insulation.
3. Place the removed wire in an asbestos disposal bag.
4. Use the HEPA vacuum to clean up any dust in the area.
5. Follow all decontamination and waste disposal procedures.