



## Flexible Cords and Cables

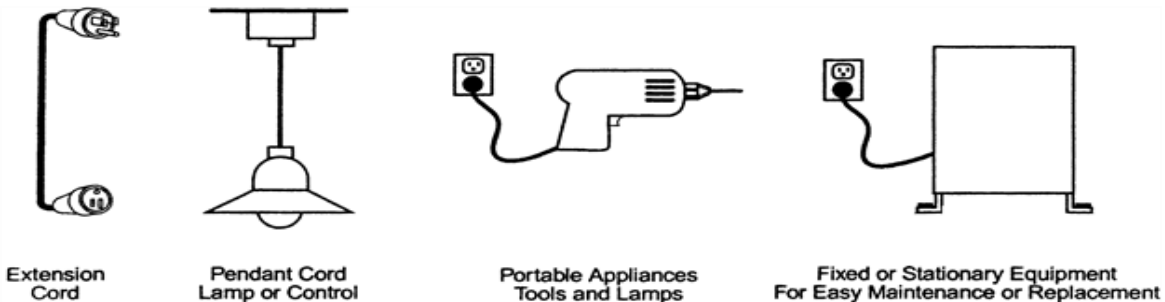
**Perform visual inspections** - On portable cord- and plug-connected equipment and extension cords before use on each work shift. Defects and damage to look for include:

- Loose parts.
- Deformed or missing pins.
- External defects and damage.
- Damage to the outer covering or insulation.
- Pinched or crushed covering or insulation that might indicate internal damage.

**Remove from service any defective or damaged cord until repaired and tested.** Use flexible cords only as follows:

- Wiring of equipment and appliances.
- Data processing cables approved as a part of the data processing system.
- Connecting portable lamps or appliances to an approved outlet with an attachment plug.
- Connecting stationary equipment that is frequently changed with an attachment plug energized from an approved outlet.

### Common Acceptable Uses of Flexible Cords



### **Make sure flexible cords are NOT:**

- Used as a substitute for fixed wiring of a structure.
- Run through holes in walls, ceilings, or floors. Run through doorways, windows, or similar openings.
- Concealed behind building walls, ceilings, or floors.
- Used to raise or lower equipment.

### **Approved for suitable location and use**

Make sure flexible cords and cables are approved and suitable for the location where they will be used.

- Do not fasten or hang cords and equipment in any way that could cause damage to the outer jacket or insulation of the cord.
- Make sure insulation on flexible cords and cables is intact.
- Make sure flexible cords and cables are protected from accidental damage as might be caused, for example, by sharp corners, projections, and doorways or other pinch points.
- Remove temporary wiring immediately upon completion of the project or purpose for which the wiring was installed.