

## Flexible Cords and Cables

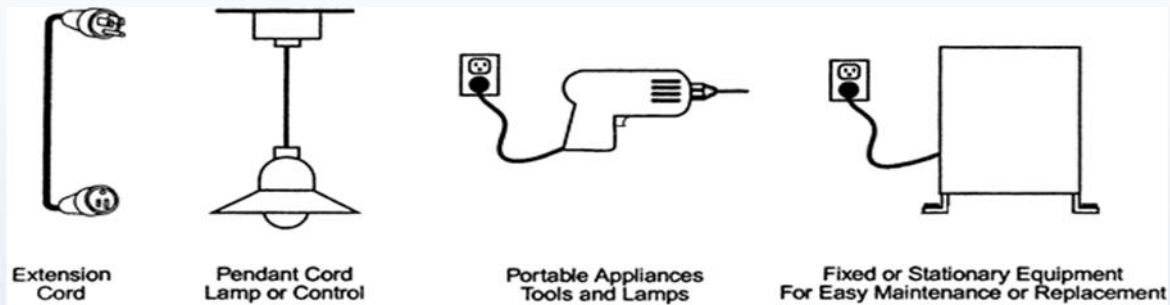
**Perform visual inspections** - On portable cord- and plug-connected equipment and extension cords before use on each work shift. Defects and damage to look for include:

- ) 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.

*This fact sheet is not intended to be exhaustive. The discussion and best practices suggested herein should not be regarded as legal advice. Readers should pursue legal counsel or contact their insurance providers to gain more exhaustive advice*

For additional information on this topic please contact ACWA JPIA Risk Control Department, Terry Lofing, Administrative Assistant ([tlofing@acwajpia.com](mailto:tlofing@acwajpia.com)) or 800-231-5742