26 27 26 - Wiring Devices

1. Introduction

    A. In general, wiring devices shall be heavy-duty, specification grade.

2. References

    A. NFPA 70: National Electrical Code

    B. NEMA WD 1: General Purpose Wiring Devices

    C. NEMA WD 6: Wiring Device Configurations

3. Design Standards

    A. All devices of one type (such as switches or receptacles) shall be made by one manufacturer. Hazardous-location or special-purpose devices, because of their unique construction or Owner requirements, that are not available from the same manufacturer are exempt from this requirement.

    B. Ground fault circuit interrupter (GFCI) outlets or breakers are required on all power outlets within 6 feet of water sources.

    C. Receptacles shall be mounted with the ground pole in the "UP" position.

    D. Receptacles on generator power shall be red.

    E. Cover plate shall be stainless steel. If non-metallic cover plates are used for aesthetics, they shall be nylon and not plastic.

    F. Switches shall be rated 20 Amp, 120-277 volts, 60 Hertz A.C. Switches shall be heavy-duty, specification-grade, quiet-operation and maintained-contact type that comply with the requirements of NEMA WD 1.

    G. Duplex receptacle shall be rated 20 Amp, NEMA 5-20.

    H. Ground each receptacle by means of a separate code size conductor connecting the receptacle ground terminal to the branch circuit panel-board ground bus. Do not rely on the conduit system for grounding.

    I. All receptacles and fixed equipment shall have a permanent label indicating circuit and panel number.

    J. Receptacles shall be provided in all corridors every 50 feet on center and no further than 25 feet from the end of the corridor. The branch circuit shall be dedicated to corridor outlets only.

K. Receptacles shall be provided on each stairway landing and at exterior doors. Exterior receptacles shall be GFCI (weatherproof types).

L. All wiring devices, relays, contactors, pushbuttons, selector switches and pilot lights shall be installed in approved enclosures rated for the appropriate NEMA-classified environment.