

SECTION 16535 EMERGENCY LIGHTING EQUIPMENT

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Emergency lighting units.

1.2 REFERENCES

- A. NFPA 101 - Code for Safety to Life from Fire in Buildings and Structures.
- B. NEMA WD1 - General Purpose Wiring Devices.

1.3 REGULATORY REQUIREMENTS

- A. Conform to NFPA 101 for installation requirements.

1.4 RELATED SECTIONS

- A. Section 16510 - Lighting Fixture Schedule

1.5 SUBMITTALS

- A. Submit product data under provisions of Division 1 and Section 16010.
- B. Provide product data on emergency lighting units.

1.6 PROJECT RECORD DOCUMENTS

- A. Accurately record actual locations of each luminaire.

PART 2 - PRODUCTS

2.1 INCANDESCENT EMERGENCY LIGHTING UNITS

- A. Emergency Lighting Unit: Self-contained unit with rechargeable storage batteries, charger, and lamps.
- B. Battery: 6 volt, nickel-cadmium type, with 1.5-hour capacity to supply the connected lamp load.
- C. Charger: Dual-rate charger, capable of maintaining the battery in a full-charge state during normal conditions, and capable of recharging discharged battery to fully charged within 12 hours.
- D. Lamps: 7.2-watt minimum, sealed-beam type.
- E. Indicators: Provide lamps to indicate AC ON and RECHARGING.

- F. Provide switch to transfer unit from normal supply to battery supply.
- G. Unit Voltage: 120 volts, AC.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install units plumb and level.
- B. Aim directional lampheads as directed.
- C. Connect power to emergency lighting units to nearest lighting circuit ahead of all switches.
- D. Provide wiring as indicated on drawings.

END OF SECTION