

# EMERGENCY WIRING DIAGRAM

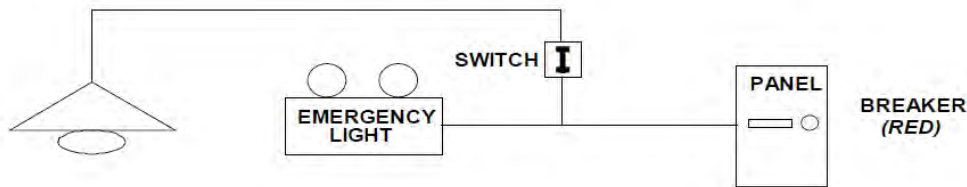


2011 National Electrical Code  
NEPA 70 (NEC)  
ARTICLE 700-17(1)

Prepared by: Building Inspection Division

## WIRING OF EMERGENCY LIGHTING FIXTURES

The following illustrations are provided to assist electricians in the proper wiring of emergency lighting fixtures as required by the City of Euless Building Inspections Division. All restrooms shall have emergency lighting installed.



## BATTERY PACK FIXTURES

These fixtures must be wired to the normal lighting circuit where they are installed. The battery pack shall be tied into the hot leg of the room switch. Where room switches are not provided and lights are turned on and off at the breaker switch, it shall be necessary to provide a light switch at the breaker panel, wiring the fixtures as previously described. Permanent identification with a **RED** breaker switch shall be provided at the breaker location in the electrical panel box with breaker lock on/lock offs as required.

## BATTER PACK FLORESCENT FIXTURES

Where these fixtures are installed on a security light circuit which remains on at all times, it is not necessary to wire through a control switch provided the breaker is locked in the 'on' position. All other installations shall be wired in the same manner as battery pack incandescent fixtures.

## ZONING OF LIGHT CIRCUITS

Where large open areas are lighted with two or more circuits, it shall be necessary to wire each emergency light fixture to the nearest lighting circuit. All restrooms, equipment rooms and storage rooms shall be provided with a minimum of one (1) emergency light wired as stated above.

