

SELECTIVE COORDINATION REQUIREMENTS INSPECTION FORM FOR PLAN REVIEW

This form provides documentation to assure compliance with the following National Electrical Code (NEC) NFPA 70, current version recognized by the Florida Building Code Chapter 27 is the NEC 2017 edition, requirements for selective coordination found directly in articles 620, 695, 700, 701 and 708.

PROCESS#: _____

JOB LOCATION: _____

ENGINEERING FIRM: _____

COMPLIANCE CHECKLIST

Several sections in the *Code* require all supply side overcurrent protective devices to be selectively coordinated in the circuits supplying life-safety-related loads to the .1 Sec (100 mS) standard as described in NFPA 99-2015. These loads are those supplied by elevator circuits (620.62), emergency systems (700.32), legally required standby systems (701.27), (240.12) and critical operations power systems (708.54). Includes integrating the short-circuit analysis at necessary points in the system, plots of time-current curves, and analysis/interpretation of the curves to ensure selective coordination is achieved. These requirements have been taken into account and the installation has been designed to meet the following sections for the normal and alternate circuit paths to the loads **(Check all that apply)**.

Verify Selective Coordination for the System Types Listed Below from the National Electrical Code 2017.

ARTICLE 620- ELEVATORS, DUMBWAITERS, ESCALATORS, MOVING WALKWAYS, WHEELCHAIR LIFTS AND STAIRWAY CHAIRLIFTS

620.62 Selective Coordination. *Where more than one driving machine disconnecting means is supplied by a single feeder, the overcurrent devices in each disconnecting means shall be selectively coordinated with any other supply side overcurrent protective devices.*

YES
NO
N/A

ARTICLE 695- FIRE PUMPS

695.3(C)(3) Arrangement. The power sources shall be arranged so that a fire at one source will not cause an interruption at the other source.

YES
NO
N/A

ARTICLE 700- EMERGENCY SYSTEMS

700.32 Selective Coordination. *Emergency system(s) overcurrent devices shall be selectively coordinated with all supply side overcurrent protective devices.* (exception for single devices on the primary and secondary of a transformer and 2 Devices of the same ampere rating in series)

YES
NO
N/A

ARTICLE 701- LEGALLY REQUIRED STANDBY SYSTEMS

701.27 Selective Coordination. *Legally required standby system(s) overcurrent devices shall be selectively coordinated with all supply side overcurrent protective devices.* (exception for single devices on the primary and secondary of a transformer and 2 devices of the same ampere rating in series).

YES
NO
N/A

ARTICLE 708- CRITICAL OPERATIONS POWER SYSTEMS (COPS)

708.54 Selective Coordination. *Critical operations power system(s) overcurrent devices shall be selectively coordinated with all supply side overcurrent protective devices.*

YES
NO
N/A

Print Name: _____

Signature _____ Date _____



P.E. Seal: