
Installation Acceptance Test Procedure

Customer Name: _____

Site Address: _____

Unit Model Number: **TYP** - _____

Unit Serial Number: _____

Unit UL Number: _____

Check-List

- _____ 1) Site and area around training panel is clean and free of debris.
- _____ 2) Inside enclosure of training yard panel is clean and free of debris.
- _____ 3) No noticeable debris or metal shavings are visible inside or around the electronic components within the unit.
- _____ 4) The unit installed/to be installed, is the correct unit for customer requirements.
- _____ 5) Installation complies with NFPA 70 (National Electrical Code).
- _____ 6) All equipment on packing list is accounted for.
- _____ 7) Enclosure is anchored to the concrete slab as per the installation manual.
- _____ 8) Concrete slab/pad is sized accordingly and provides a safe work area for the operator.
- _____ 9) Training Yard Panel is positioned in a way such that the operator can view the training yard to safely energize the yard.
- _____ 10) The equipment contains no visible shipping damage.
- _____ 11) The incoming power supply is installed and terminated to DS1001. Proper grounding is terminated.
- _____ 12) The incoming power supply is protected via OCPD located at the supply origination point and is sized accordingly. Wire size is according to drawing.
- _____ 13) Concrete Encased Electrode and Ground Ring are installed properly in accordance with NEC and are bonded to the equipment enclosure using a "Kenny Clamp" and bonded to the back-pan via ground lug.
- _____ 14) Incoming power supply has been torqued according to spec.
- _____ 15) High-Voltage conductors were installed per spec, for aerial and/or underground.

- _____ 16) High-Voltage wiring is physically and electrical isolated from low voltage control side of enclosure.
- _____ 17) High-Voltage wiring enters the cabinet in the appropriate bay in which it terminates.
- _____ 18) High-Voltage terminations have been torqued according to spec.
- _____ 19) High-Voltage lines have been terminated to the yard properly and according to plan.
- _____ 20) The High-Voltage bay dead-front covers were left off for start-up inspection, and stored safely.
- _____ 21) Field mounted audible horns are installed and wired.
- _____ 22) Field mounted beacon lights are installed and wired.
- _____ 23) Remote field mounted e-stops are installed and wired.
- _____ 24) Remote field mounted e-stops have redundant wiring to them, and the wiring is not crossed. Removing one circuit wire still yields continuity on the other circuit wiring, and vice-versa.
- _____ 25) Network cables are installed in a separate conduit and terminated accordingly. (If applicable)

