



CI-0704

TAB 7: TECHNICAL DISCIPLINES

Communications

For Electrical wiring specifications, refer to Tab 7 Section CI-0703 Electrical

Communications Rack

In the Communications Room, the required receptacles each fed from dedicated power circuits from a local non UPS (generator backed up), shall be provided at each CC Rack.

The types of receptacles required at the different locations are as follows:

Main CC Rack if Station EUT is included – One (1) dedicated NEMA L5-20R (120V, 20A) mounted on cable tray fed from one (1) 15A breaker on different circuits, providing an extension cord from locked receptacle to reach bottom of the CC rack. The extension cord shall include one (1) L5-20P plug at top end of cord to plug into the twist lock receptacle and one (1) NEMA 5-20R receptacle at bottom of cord (which accepts both NEMA 5-15P and NEMA 5-20P for plugging PRESTO UPS supplied by PRESTO supplier).

Main CC Rack if Transit Safety is included - One (1) dedicated NEMA L6-20R (208V, 20A) mounted on the cable tray fed from One (1) 20A breaker, providing an extension cord from the locked receptacle to reach bottom of CC rack with One (1) NEMA L6-20P at top end to plug into twist lock receptacle and One (1) L6-20R at bottom of CC rack (for plugging PRESTO UPS supplied by PRESTO supplier).

Main CC Rack if Station Staging Area is included – Two (2) dedicated NEMA L5-20R (120V, 20A) mounted on cable tray fed from two (2) 15A breakers on different circuits, providing two (2) extension cords from Two (2) locked receptacles to reach bottom of the CC rack. The two extension cords shall include one (1) L5-20P plug each at top end of cords to plug into the twist lock receptacles and one (1) NEMA 5-20R each at bottom of cord (which accepts both NEMA 5-15P and NEMA 5-20P for plugging PRESTO UPS supplied by PRESTO supplier).

PRESTO Devices

In EUT (End User Training) environment:

SFTP and **CQD** devices in a EUT environment will be equipped with a plug and will require NEMA 5-20R receptacles in the EUT office.

Each **SPOS** (in EUT office) requires a NEMA 5-20R (120V, 20A) receptacle fed from a 15A breaker on a different circuit. The power outlet shall be located within a maximum 2 m of the device.

In Transit Safety office:

An **HCR** cradle has an input voltage of 120V AC and will require a NEMA 5-20R receptacle in the Transit Safety office.