

Target Interface Inspection {Construction Compliance} Checklist

| | INSPECTION ITEM | YES | NO | NOTES |
|----|--|-----|----|-------|
| 6 | After Action Review Building (AAR) | | | |
| a | Adequate space is available for target installer work stations. Power receptacles are provided on dedicated 20 amp circuits. | | | |
| b | Minimum of 24 strands of fiber optic cable is installed between DTRs in ROC and AAR. | | | |
| c | HVAC is provided in the development, theater, and control rooms. | | | |
| d | A minimum of 1 meter of optical fiber cable left coiled inside of DTR connector housings. | | | |
| e | Minimum bend radius of optical cable has not been exceeded (10 times the diameter of the cable under no load conditions). There is also no micro bending of optical cable (pinched). | | | |
| f | Data Termination Rack (DTR) installed IAW CEHNC 1110-1-23. The DTR shall be an industry standard, NEMA 12, 19" (22" OD), 36" deep, 83.125" tall rack with ventilation. There shall be 36" working space in front, back and one side, and there shall be 6" space on side adjacent to nearest wall. | | | |
| g | Wire way is provided between the DTR's and workstation computer locations. | | | |
| h | Two separate dedicated 120-VAC, 20A circuits to a quadplex receptacle are provided for each DTR's power to outlet strip. | | | |
| i | Innerduct installed where optical fiber cable enters the building in rigid conduit. | | | |
| j | Communication conduits are stubbed up underneath DTR and grounded IAW CEHNC 1110-1-23. | | | |
| k | A minimum #6 AWG ground cable bonds the DTRs and earth ground. | | | |
| l | Lightning protection meets national Fire Prevention Association (NFPA) code 780. | | | |
| m | Optical fiber cables are free of splices between termination points. | | | |
| n | Data cables are terminated on a patch panel in the DTR (SC connectors for fiber optics) | | | |
| o | DTR cables are permanently tagged adjacent to conduit penetrations showing cable destinations. | | | |
| p | DTR vertical and horizontal cable management is clean, neat, and orderly. | | | |
| q | Each DTR optical fiber cable armor jacket is bonded to main ground bus at DTR rack. | | | |
| r | Buffer tube fan-out kits installed and furcation units anchored in DTR's connector housing. | | | |
| s | SC connector panels in the DTR are individually and permanently labeled showing cable destinations. | | | |
| t | Minimum of Cat5e rated cable is installed to all data outlets. | | | |
| u | All data cables at every termination point are labeled with a permanent label. | | | |
| v | Data outlets have an RJ45 connector with a minimum Cat5e rating. | | | |
| w | Optical fiber cables meet CEHNC 1110-1-23 specifications. | | | |
| x | All empty conduits shall have a pull string. | | | |
| y | All metal conduits and cable trays shall be bonded together and grounded. | | | |
| z | A continuous 12" minimum ladder type wireway extends from DTRs in development areas via control rooms to the theater projector area. | | | |
| aa | A 20A duplex receptacle is provided near each overhead projector location in the theater area(s). | | | |
| bb | A 1" conduit is provided from a junction box at each overhead projector location in the theater area to the ladder type wireway. | | | |

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| 6 | After Action Review Building (AAR) | | | |
| cc | A 1" conduit is provided from a junction box at each control room to the ladder type wireway. | | | |
| dd | No counters are provided in development area(s). | | | |
| ee | Panelboards are recessed mounted in finished areas. | | | |
| ff | Exterior lighting is provided on separate switching located near points of egress. | | | |
| gg | Exterior or interior white and red lights have separate switching. | | | |
| hh | Emergency lighting and exits signs are provided IAW codes. | | | |
| ii | Red lighting is provided near white fixtures in observation rooms, control rooms, and on exterior walls. | | | |
| jj | Receptacles for work stations are fed on dedicated 20-amp circuits. There should be one duplex receptacle per workstation. | | | |