

## Target Interface Inspection {Construction Compliance} Checklist

INSPECTION ITEM		YES	NO	NOTES
12	CACTF Training Buildings:			
a	Target and data outlet configurations are IAW CEHNC 1110-1-23.			©
b	Target power outlet is one NEMA L14-20R 120/250V with a NEMA L5-20R 120V, 20Amp.			©
c	Target data outlet is two RJ45 connectors with a minimum Cat.5e rating.			©
d	Minimum of Cat.5e rated cable is installed to all target data outlets.			©
e	All data cables at every termination point are labeled with a permanent label.			©
f	Comm room doors are lockable.			©
g	Data Termination Rack (DTR) installed in comm room IAW CEHNC 1110-1-23.			©
h	A minimum #6 AWG ground cable bonds the DTR and earth ground.			©
i	A minimum of 1 meter of optical fiber cable left coiled inside of DTR connector housings.			©
j	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).			©
k	Each DTR is provided with a 120-VAC, 20-amp quadplex receptacle.			©
l	Each DTR optical fiber cable armor jacket is bonded to main ground bus at DTR rack.			©
m	Innerduct installed where main or downrange optical fiber cable enters the building in rigid conduit.			©
n	Optical fiber cables are free of splices between termination points.			©
o	DTR cables are permanently tagged adjacent to conduit penetrations showing cable destinations.			©
p	SC type connectors installed on all fiber cables.			©
q	DTR vertical and horizontal cable management is clean, neat, and orderly.			©
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	Optical fiber cables meet CEHNC 1110-1-23 specifications.			©
u	One, 120-VAC, 20-amp duplex receptacle is provided in comm. room for maintenance purposes.			©
v	Adequate climate control provided for electronics.			©
w	All comm. room conduit and wireway penetrations through walls are sealed for rodent protection.			©
x	Comm room roof is sealed against water penetration.			©
y	Comm room is sealed as much as possible to help prevent dust from entering.			©
z	All wireways have covers installed unless they are of "ladder" type of construction.			©
aa	All empty conduits have pull wire.			©
bb	Exterior lighting is provided on separate switching located near points of egress.			©
cc	Exterior or interior white and red lights have separate switching.			©
dd	Emergency lighting and exits signs are provided IAW codes.			©
ee	Red lighting is provided near white fixtures in control rooms, and on exterior walls.			©

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	INSPECTION ITEM	YES	NO	NOTES
12	CACTF Training Buildings:			
ff	Target data outlet RJ45 connectors should be installed with the key way facing down.	<input type="checkbox"/>	<input type="checkbox"/>	©