SHIELDING SUBSYSTEM CHECKLIST FOR EXISTING FACILITIES

For use of this form, see TM 5-690; the proponent agency is COE.

1. FACILITY	2. DATE *(YYYYMMDD)*
3. LOCATION	4. INSPECTOR

5. VISUALLY INSPECT THE EXISTING SHIELD NETWORK FOR PROPER GROUNDING AND SIGNS OF DAMAGE, CORROSION, AND LOOSENESS

LOCATION	DEFICIENCIES

6. CHECK SHIELDING ON ALL DOORS, WINDOWS, VENTILATION PORTS, VISUAL ACCESS OPEININGS, AND WALLS FOR PROPER INSTALLATION AND BONDING

LOCATION	DEFICIENCIES

7. CHECK ALL UTILITY LINES, ELECTRICAL CONDUCTORS, AND DATA CABLES FOR PROPER BONDING AND SHIELDING	YES	NO
a. UTILITY LINES, ELECTRICAL CONDUCTORS, AND DATA CABLES ARE PROPERLY BONDED TO THE SHIELD AT THE POINT OF ENTRANCE		
b. ALL ELECTRICAL GROUNDED AND GROUNDING CONDUCTORS ARE IN THE SAME CONDUIT AS PHASE CONDUCTORS		
c. ALL ELECTRICAL FILTERS AND CONDUCTORS ARE PROPERLY ENCLOSED INSIDE METAL (STEEL) CASES/CONDUITS		
d. ALL METAL OBJECTS/CASES/CONDUITS ARE PROPERLY BONDED TO GROUND		
e. DATA CABLES ARE PROPERLY BONDED TO THE SIGNAL GROUND FEFERENCE SYSTEM		

8. MEASURE STRAY CURRENTS ON THE GROUND CIRCUITS

LOCATION	GROUND CIRCUITS	CURRENT MEASUREMENTS

9. MEASURE THE BOND RESISTANCES

LOCATION	BOND CIRCUIT	RESISTANCES