

CU check list

1. Any known faults or damage	
2. Internal inspection -side of tails -need to crimp?	
3. Size of tails	
4. Main earth size	
5. Main bonding size (gas and water)	
6. Are lights earthed? (if not are all fittings plastic?)	
7. Cut out fuse size?	
8. Earthing arrangement (TNCS, TNS, TT)	
9. Earth fault loop impedance (Z_e) (Main earth disconnected and main switch off)	
10. Insulation Resistance between L+N connected and CPC bar (at 250v) - NB disconnect Main earth and maybe main bonding – this is a dead test, therefore main switch off)	
11. Take pictures - earthing arrangement in meter box. - Inside CU.	

Remember

1. 6 or 10mm earthing conductor ok if meets adiabatic (545.1.3)
2. 6mm Main bonding ok if in place for a long time and no sign of thermal damage.
3. 16mm tails with 100A cut out fuse ok if max demand (with diversity) doesn't exceed CCC **AND** regulation 434.5.2 is met (protection of tails against fault current)