Section 3 Verification by Visual Inspection

AS/NZS 3019 SECTION 3 VISUAL

Customer Name		Date	
Address			

3.2 Inspection Requirements

Inspection of electrical equipment and conductors, including consumer main,, shall include checks ensuring that:

Item	Pass	Fail	N/A
(A) Cables show no undue evidence of insulation or sheath deterioration and have appropriate mechanical protection for the environment in which they are installed.			
(B) The exposed portions of the earth electrode show no evidence of corrosion, damage or poor connection of the main earthing conductor.			
(C) Metallic water pipe has not been replaced with plastic piping when the piping has been used as the main earth electrode.			
(D) Socket outlets exhibit no mechanical damage and there is no evidence of overheating.			
(E) Lamp holders exhibit no evidence of mechanical damage or evidence of undue over heating or arcing.			
(F) Switchboard and electrical equipment have no conductor insulation or deterioration.			
(G) RCDS, MCBs fuses and switches show no evidence of mechanical damage.			
(H) Semi enclosed rewireable fuses, where fitted, have not deteriorated due to arcing and have no exposed live parts when the fuse carrier is fitted into the fuse base.			
(I) Switchboard equipment is correctly labelled.			
(j) Covers of fixed wired appliances are not broken or missing giving access to live parts or basic insulation.			
(K) Electrical fittings in damp areas have the correct international protection rating and are appropriate for the zone installed in.			
(l) Overhead lines and their entry points into buildings have no evidence of insulation deterioration, rusting of anchorages or deteriorations of line connection boxes.			
(M) Safety distances clearances have not been compromised by the introduction of, or modification to, any structures, or by raising of the ground level under over head lines,			

NOTE:

1) If the visual inspection reveals evidence of defective connections, overloading or arcing, testing in accordance with sections 4 and 5 may be necessary to confirm electrical safety.

Completed by:		Signature	
Date:		Reg. No.	