

Appendix 13

B) Checklists

Checklist No.1 – Items for New LV Installation or Items for Periodic Testing of LV Installations.

(m)	Swimming Pool Installations	Tested by/Date (N/A if not applicable)
(i)	No visible damage to impair safety.	
(ii)	Each underwater lighting in Zone 0 is protected by SELV at a nominal voltage not exceeding 12V AC r.m.s. or 30V ripple-free DC in compliance with Code 26M(4)(a).	
(iii)	The source for SELV (i.e. safety isolating transformer) is installed outside Zones 0, 1 and 2 in compliance with Code 26M(4)(a).	
(iv)	Safety isolating transformer conforming to IEC 61558-2-6 or equivalent is installed in compliance with Code 5A(b)(i).	
(v)	Circuit protective conductor connected to metallic enclosure(s) enclosing the safety isolating transformer is connected to earth.	
(vi)	No earth connection between the primary and secondary sides of the safety isolating transformer is made.	
(vii)	The earthing conductor of each underwater lighting, if any, shall <u>not</u> be connected to the primary side of the safety isolating transformer.	
(viii)	Exposed conductive parts of the SELV circuits shall <u>not</u> be connected to earth, or to protective conductor or exposed conductive parts of another	

	circuit.	
(ix)	The lowest insulation resistance measured between the primary and secondary sides of the safety isolating transformer is ___Mohms (not less than 1 Mohm).	
(x)	The supply circuit of safety isolating transformer is protected by an RCD having a rated residual operating current not exceeding 30mA.	
(xi)	The swimming pool electrical installations are in compliance with Code 26M.	

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Checklist No.1 – Items for New LV Installation or Items for Periodic Testing of LV Installations.

(n)	Fountain Installations	Tested by/Date (N/A if not applicable)
(i)	No visible damage to impair safety.	
(ii)	One or more of the protective measures employed (i.e. SELV is used as a supply source, the supply source is protected by an RCD or the supply source for electrical separation supplies only one item of current using equipment) is/are in compliance with Code 26M(6)(a).	
(iii)	If SELV is employed, each underwater lighting in Zone 0 is protected by SELV at a nominal voltage not exceeding 50V AC r.m.s. or 120V ripple-free DC.	
(iv)	If SELV is employed, the source for SELV (i.e safety isolating transformer) is installed outside Zones 0 and 1 in compliance with Code 26M(6)(a)(i).	
(v)	If SELV is employed, safety isolating transformer conforming to IEC 61558-2-6 or equivalent is installed in compliance with Code 5A(b)(i).	
(vi)	If SELV is employed, circuit protective conductor connected to metallic enclosure(s) enclosing the safety isolating transformer is connected to earth.	
(vii)	If SELV is employed, no earth connection	

	between the primary and secondary sides of the safety isolating transformer is made.	
(viii)	If SELV is employed, the earthing conductor of each underwater lighting, if any, shall <u>not</u> be connected to the primary side of the safety isolating transformer.	
(ix)	If SELV is employed, exposed conductive parts of the SELV circuits shall <u>not</u> be connected to earth, or to protective conductor or exposed conductive parts of another circuit.	
(x)	If SELV is employed, the lowest insulation resistance measured between the primary and secondary sides of the safety isolating transformer is ___Mohms (not less than 1 Mohm).	
(xi)	The fountain electrical installations are in compliance with Code 26M.	