

Emerg. Evac. Lighting - Single Point Syst (C & D)

Last Issue Date: 26/10/2017		Type Of Service				
Activity		A	B	C	D	E
1	<p>ILLUMINATED EXIT SIGNS:</p> <p>(a) Undertake a visual inspection to confirm operation / power availability and there are no obstructions.</p>			Y	Y	
2	<p>MANUAL DISCHARGE test facilities (where provided):</p> <p>(a) Visually inspect relays, contactors, timers and pushbuttons / key-switches associated with the manual testing facilities for any condition that could cause a malfunction.</p> <p>(b) Check all connections on manual discharge test facilities for tightness and remove any dust or dirt that may have accumulated within control equipment enclosures.</p> <p>(c) Ensure the correct operation of the manual testing facilities (in particular the abort and auto-reset facilities). Refer to AS2293.1, Clause 4.3.1.</p> <p>(d) Isolate the coil circuits of all sensing relays or contactors (where installed) from the a.c. supply and observe correct operation to bring on the emergency lighting.</p> <p>(e) Operate the emergency luminaires and exit signs from their battery supply by simulating failure of the monitored supply. The luminaires and exit signs shall remain illuminated for not less than the required in-service duration. Where manual discharge testing facilities are provided, the simulation of supply failure must be effected by the manual test facility.</p> <p>(f) At the end of the discharge test period, ensure that the emergency luminaires and exit signs have been returned to their normal operational status.</p> <p>AUTOMATIC DISCHARGE test facilities (where provided):</p> <p>(a) Undertake a visual check of the operational status of each unit:</p> <ul style="list-style-type: none"> <li>- either by means of the indicator at each unit (where self-contained facilities are provided); or</li> <li>- by means of the relevant controller or indicator panel where centralised testing facilities are provided.</li> </ul> <p>(b) Check that previously identified faulty fittings have been repaired or replaced and are operational.</p>			Y	Y	
3	<p>INDIRECT LIGHTING SYSTEMS (if applicable):</p> <p>(a) Check that the finish of the major reflecting surfaces (e.g walls, ceilings) have reflectances of no less than those on which the design of the system was based.</p> <p>(b) Check that the emergency luminaires of the directional beam type (if used) are aimed in such a manner that the beam will not be directed into the eyes of persons moving through the designated area.</p>			Y	Y	
4	<p>EMERGENCY LUMINAIRES AND EXIT SIGNS:</p> <p>(a) At regular intervals clean all light-emitting and reflecting surfaces of emergency luminaires and exit signs to remove accumulated dust or other deposit.</p> <p>Note: It is essential that the correct cleaning compound be used for the particular materials involved. Refer to AS2293.2, Appendix B and AS1680.1, section 12 for information.</p> <p>(b) Undertake a visual check to ensure that the emergency luminaires and exit signs operate in correct relationship to the normal lighting in the designated area. Refer AS2293.1, section 2.</p>				Y	

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Government of South Australia  
Department of Planning,  
Transport and Infrastructure

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5	Record all results in the log book.			Y	Y	

**Special Comments and Technical Data**

C SERVICE - 6 MONTHLY

D SERVICE - ANNUALLY

FOR THE MONTHLY B SERVICE REFER TO SPLIT VERSION F18A.  
THIS SERVICE SPLIT TO BE DONE ONLY FOR APPROVED SITES.  
THE SERVICE IS TO COMPLY WITH AS 2293.2. FOR ADDITIONAL  
DETAIL AND NOTES REFER TO SECTION 3.

NOTES:

1/FOR EMERGENCY LUMINAIRES AND EXIT SIGNS WITH TUBULAR  
FLUORESCENT LAMPS, IT IS RECOMMENDED THAT THE LAMPS BE  
REPLACED IF THEY EXHIBIT EXCESSIVE BLACKENING, EVEN WHEN  
THE LAMPS STILL OPERATE.

2/A CHECK SHOULD BE MADE TO ENSURE THAT NO INTERRUPTION TO  
THE NORMAL SUPPLY HAS TAKEN PLACE FOR AT LEAST 16 HOURS  
PRIOR TO A DISCHARGE TEST.

3/BATTERY REPLACEMENT:

- WHERE MORE THAN ONE CELL IS UTILISED, THE COMPLETE BATTERY  
PACK SHALL BE REPLACED.

- REPLACEMENT BATTERIES SHALL BE OF THE SAME TYPE AND  
- AMPERE-HOUR CAPACITY.

- UNDERTAKE ACTIVITY 2 (DISCHARGE TEST) EXCEPT EXTEND THE  
TIMEFRAME FOR 1.33 TIMES THE IN-SERVICE DURATION.

4/FOR MONITORED SYSTEMS USE F17C.

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