

SS 14/1 – Emergency Power Systems for Specified Systems 1-13

Specified System Description

System Status

New

Modified

Removed

System Type and System Interfacing

Engine Alternator Set for a Sprinkler System Pressure Boost Pump (SS 1)

Uninterruptible Power Supply for an Emergency Lighting System (SS 4)

Engine Alternator Set for Provisions of Electrical Supply to Passenger Lifts (SS 8)

Engine Alternator Set for Provision of Electrical Supply to a Smoke Control System (SS 13)

Other (*specify*):

Standards

Performance / Installation Standards

NZS 6104:1981 Specification for emergency electricity supply in buildings [as modified by F6/AS1 (Amendment 4, Jan 2017) – Appendix C].

Specifically designed solution prepared by a person who, on the basis of experience and qualifications, is competent to do so (*Details provided*)

Other: (*specify*)

Inspection Standards

NZS 6104:1981 [as modified by F6/AS1 (Amendment 4, Jan 2017) – Appendix C] – Section 8.

Specifically designed solution prepared by a person who, on the basis of experience and qualifications, is competent to do so. (*Details provided*)

Other: (*specify*)

Maintenance Standards

NZS 6104:1981 [as modified by F6/AS1 (Amendment 4, Jan 2017) – Appendix C] – Section 8.

Specifically designed solution prepared by a person who, on the basis of experience and qualifications, is competent to do so (*Details provided*)

Other: (*specify*)

Inspections, Maintenance and Reporting

Minimum Inspection and Maintenance Procedures

Regular inspection, testing, planned preventative maintenance and responsive maintenance will be carried out in accordance with the nominated performance and inspection standard/document to ensure the system will operate as required in the event that the primary power supply fails.

Inspection and Maintenance - Frequency and Responsibility

Depending on the type of installation and its performance standard.

Monthly and Annually: by IQP

Standard / Other document (*specify*)

Inspections and Maintenance for Interfaced Systems

Annual Inspection: by IQP

The system is connected to the building's emergency warning system therefore testing of the interface between the two systems will be carried out annually.

The system is NOT connected to the building's emergency warning system.

Reporting:

The owner will keep records of all inspections, maintenance and repairs undertaken in the previous 24 months. These will be recorded in the On-Site Log Book, which will remain on the premises with the most recent compliance schedule, and as a minimum include:

- Details of any inspection, test or preventative maintenance carried out including dates, works undertaken, faults found, remedies applied and the name of the person who performed the work.
- Form 12A provided annually by the IQP.