

INSPECTION OF UNIT EQUIPMENT

Self-contained emergency lighting unit equipment shall be inspected at intervals not greater than one month to ensure that

- a) pilot lights are functioning and not obviously damaged or obstructed,
- b) the terminal connections are clean, free of corrosion and lubricated when necessary,
- c) the terminal clamps are clean and tight as per manufacturer's specifications, and
- d) the battery surface is kept clean and dry.

Self-contained emergency lighting unit equipment shall be tested

- a) at intervals not greater than one month to ensure that the emergency lights will function upon failure of the primary power supply, and
- b) at intervals not greater than 12 months to ensure that the unit will provide emergency lighting for a duration equal to the design criterion under simulated power failure conditions.

After completion of the test required, the charging conditions for voltage and current and the recovery period shall be tested to ensure that the charging system is functioning in accordance with the manufacturer's specifications.

INSPECTION RECORD FIELD DEFINITIONS

LOCATION	-	specific location of the emergency unit lighting.
MANUFACTURER	-	type of emergency unit lighting (Example Luma Cell – Dualite etc.)
UNIT LAMPS	-	emergency lighting lamps directly mounted on the unit lighting
REMOTE LAMPS	-	emergency lighting lamps supplied by the unit lighting, but remotely mounted
EXIT SIGN	-	exit sign supplied by the emergency unit lighting
START VOLTAGE	-	battery voltage reading taken with a volt meter at the beginning of the load test
END VOLTAGE	-	battery voltage reading taken with a volt meter at the end of the load test
LOAD TEST MINUTES	-	time in minutes that the emergency unit lighting was tested under simulated power failure conditions
AC POWER ON	-	voltage reading taken with a volt meter when the AC electrical power was reconnected
DEFICIENCIES/ COMMENTS	-	pass/fail/observations/repairs/recommendations