

PART II - PRIMARY SYSTEMS INFORMATION

V. Basic Intrusion Detection Systems (IDS)

2. Preventive Maintenance

a. Preventive Maintenance Plan & Schedule:

Preventative maintenance plan and schedule requirements are included in the following Page 2-5-2a2. Below is the description of each task.

1) Gel Cell backup batteries should be checked at least every 6 months. AC power to each RTU should be temporarily removed for at least 50% of the specified backup time of the batteries, allowing the RTU to operate on battery power and partially discharge the batteries. Restore AC power and recharge the batteries. If the batteries are not periodically discharged, their serviceable life expectancy will be greatly reduced. Gel Cell batteries should be replaced at least every 3 to 4 four years, regardless of their serviceability.

2) (Every 3 months) Inspect and verify all connections within the RTU enclosure. Check all LEDs to ensure proper operation and illumination. Replace or repair any questionable situation. Ensure all RTU components are clean dry, and free of any corrosion.

3) (Every 3 months) If the system includes Card Access Control, inspect and verify the operation of each card reader. Inspect and clean the read heads and reader slots, as applicable, and verify door contact, REX, and door lock operation. Inspect all cables and connections. Replace questionable devices and/or components.

Medical/Dental Clinic

Preventive Maintenance Schedule

System: \ Basic Intrusion Detection Systems (IDS)

Maintenance Task Description	Frequency *	Skill Level **	Time Hours ***
Check batteries in RTU	SA	J	2
Inspect and verify connections in RTU enclosure	Q	J	0.25
Service Card Readers	Q	J	4

* Frequency Legend	
D	Daily
W	Weekly
M	Monthly
Q	Quarterly
SA	Semi-Annually
A	Annually

** Skill Level Legend	
O	Unskilled Laborer
A	Apprentice Elect.
J	Journeyman Elect.
M	Master Elect.
FT	Factory Trained Tech.

*** The time indicated is for the required to service one unit
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