

Title: Fence Sensor

Objective: Verify device is installed using acceptable standards and practices, communicates properly with the ACS, and provides proper protection of assets and meets or exceeds the contract performance specification.

Applicability: Fiber optic sensing cable, fence mounted vibration sensors, strain sensitive cable sensors.

Notes:

1. Real-time voice communications between the workstation operator and the field technician is required.
2. The field technician will need a screwdriver, protective equipment and a stepladder to perform the fence sensor test.
3. Make penetration attempts using methods and locations that minimize the chance of detection.
4. Simulated cut test will use a screwdriver to tap on the fence fabric. Ensure the number of taps exceeds the event count calibration value.
5. Apply a similar force to that needed to cut the fence fabric for each simulated cut test tap.
6. If sensing cable is in the outrigger, the simulated Cut test needs to be performed on the outrigger also.
7. Do not climb over the fence or into the outrigger.
8. Establish number of tests and test locations per the requirements.
9. Line Supervision, Power Fail, and Tamper Tests need to be performed in addition to these procedures.

Steps	Actions	Expected Results
<u>1.0</u>	<u>Intrusion Test – Simulated Cut</u>	
1.1	Intruder will position themselves at the section of fence to be tested.	No alarms are received at the workstation.
1.2	Tap the screwdriver at different locations on the fence panel and vertical outrigger at approximately one-second intervals.	An intrusion alarm is received at the workstation.
1.3	Clear the intrusion alarm at the workstation.	The active alarm queue is empty.
<u>2.0</u>	<u>Intrusion Test – General</u>	
2.1	Intruder will position themselves at the section of fence to be tested.	No alarms are received at the workstation.
2.2	Grab and firmly shake the fence fabric to attempt to set off an alarm.	An intrusion alarm is received at the workstation.
2.3	Clear the intrusion alarm at the workstation.	The active alarm queue is empty.
<u>3.0</u>	<u>Intrusion Test – Fence Climb</u>	
3.1	Intruder will position themselves at the section of fence to be climbed.	No alarms are received at the workstation.
3.2	Intruder will begin to climb the fence.	An intrusion alarm is received at the workstation.
3.3	Clear the intrusion alarm at the workstation.	The active alarm queue is empty.
<u>4.0</u>	<u>Nuisance Test</u>	
4.1	Intruder will position themselves at the section of	No alarms are received at the workstation.

Steps	Actions	Expected Results
4.2	fence to be tested. Grab and rattle the fence to simulate wind on the fence.	No intrusion alarms are received at the workstation.