

# **Does the battery cabinet at the telecommunications site need to be replaced during the annual inspection**





## Overview

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How often do network and maintenance technicians conduct battery testing?

TESTING METHODS AND TEST EQUIPMENT: Network and maintenance technicians shall conduct battery testing and maintenance routines based upon internal DC Cell Resistance testing. The DC Cell Resistance battery tests are conducted on a Three Times Per Year (4-month intervals) schedule to provide trended data and pass/fail data.

What is a telecommunications outside plant cabinet?

A typical Telecommunications Outside Plant cabinet is a non-controlled environment where temperatures can reach or exceed 140 Degrees Fahrenheit. Battery Float Voltage: The float voltage is that voltage, which provides the correct amount of battery charge current to maintain an optimal state of charge in the battery cell.

Why do we need a battery maintenance program?

This of course allows the user to know the current battery condition and to predict with some accuracy the remaining life and capacity. Economics of the Maintenance Program: This set of maintenance and testing routines will rely upon a technician's availability or ability to reach (all) the locations requiring service.

Can a battery be replaced based on a defective cell resistance?

with battery suppliers that specify the warranty replacement of battery systems based on Defective DC Cell Resistance measurements. Submitting defective Cell Resistance data to the battery manufacturer will facilitate servicing of the battery warranty. The data must include at least two consecutive cell resistance readings.



## Does the battery cabinet at the telecommunications site need to be

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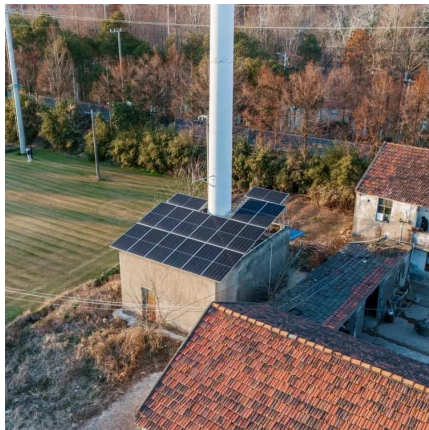
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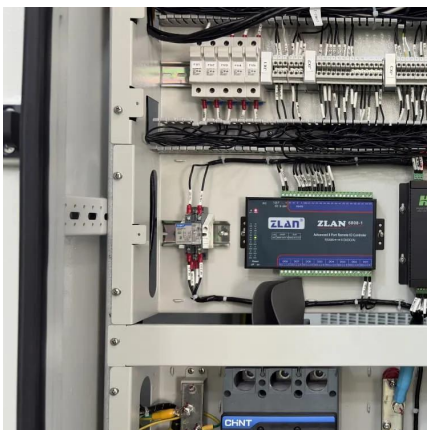
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