

Electrical Distribution Maintenance

User's Note:

It is recommended to adapt this checklist as necessary because it may contain terms unique to maintenance.

The user must utilize the proper statistics, which include 70%, 80%, 90%, 99%, etc., for specified percentages and quantities.

When using terms with periodicity, such as "weekly," the user should use the proper frequency, like as daily, weekly, biweekly, monthly, annually, etc.

Service Performance Metrics					
REQUIREMENTS	YES	NO	N/O	N/A	COMMENT
1). Electrical Distribution System: Does the employee replace, maintain, and repair the following equipment and electrical distribution systems?	Total #	Size	Accept	Reject	
a). Switchgear					
b). Electrical outlets					
c). Distribution panels					
d). Lighting					
2). Service Provider: Does the service provider maintain medium voltage power systems to 95% reliability? Note: Specified places only.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

REQUIREMENT	YES	NO	N/O	N/A	COMMENT
<p>3). Lighting & Electrical Outlet:</p> <p>Do electrical outlets and lighting function properly? Is there an indication of tampering? Is there exposed insulated wire from the cable sheathing or unsecured electrical cables entering or exiting it? Are there any overheating symptoms or cracked, broken, or missing parts?</p> <p>Note: Do not disassemble (or) tamper with anything when using this checklist.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<p>4). Distribution Board (DB) Panels:</p> <p>(Inside structure breakers): Are there any signs of tampering? Are there exposed insulated wire from the cable sheathing, unsecured electrical cables entering or leaving, overheating indicators, cracked, broken, or missing components, accessibility to bare wires or terminals, or labelled breakers?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

REQUIREMENT	YES	NO	N/O	N/A	COMMENT
<p>5). Switchgear(SG) and Sub-Distribution (SDB) Panels:</p> <p>(MDP for main distribution panels and SDP for sub-distribution panels) Is there access to bare wires or terminals, overheating symptoms, cracked, broken, or missing components, unsecured electrical cables entering or exiting exposing insulated wire from the cable sheathing, and breakers with labels? Are the ground rod and cable fastened?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<p>6). Ground Resistance:</p> <p>Are any measurements indicating a maximum ground resistance of 25 Ohms at the grounding rod?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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