Padmount Switchgear Inspection Checklist

AM-CE-P166-R0002 ComEd Switchgear Inspection Checklist - Rev 1						
Inspector:		Date:	Equipment #			
Attribute Description	Internal/External	Default Value	A	B	C	D
1-PADLOCK	EXTERNAL	OK / NA	NEEDS REPAIR	COVER INSTALLED	REPAIRED	
2-CHECK PENTABOLT	EXTERNAL	OK / NA	NEEDS REPAIR	REPAIRED		
3-CHECK EXTERNAL LABELING	EXTERNAL	OK / NA	NEEDS REPAIR	REPAIRED		
4-OPERATING ACCESS - VEGETATION	EXTERNAL	OK / NA	NEEDS REPAIR	REPAIRED		
5-OPERATING ACCESS - OBSTRUCTED	EXTERNAL	OK / NA	NEEDS REPAIR	REPAIRED		
6-OPERATING ACCESS - BURIED	EXTERNAL	OK / NA	NEEDS REPAIR	REPAIRED		
7-GEN CONDITION - HINGES (20)	EXTERNAL	OK / NA	NEEDS REPAIR	REPAIRED		
8-GEN CONDITION - EQUIPMENT (20)	EXT/INT	OK / NA	NEEDS REPAIR	REPAIRED		
9-CORROSION - HOLES	EXTERNAL	OK / NA	NEEDS REPAIR	REPAIRED	TEMPPATCH (20)	TEMPPATCH (30)
10-GENERAL CONDITION - PAD	EXT/INT	OK / NA	NEEDS REPAIR (20)	NEEDS REPAIR (30)	REPAIRED	
11-ALIGNMENT ON PAD/ TIE DOWNS	EXTERNAL	OK / NA	NEEDS REPAIR	REPAIRED	TEMPPATCH-MISALIGN	TEMPPATCH-VERTICAL
12-EXTERNAL GROUND ROD/GRID	EXTERNAL	OK / NA	NEEDS REPAIR	REPAIRED		
13-WILDLIFE INFESTATION	EXT/INT	OK / NA	NEEDS REPAIR (20)	NEEDS REPAIR (40)	REPAIRED	
14-CONTAMINATION/DEBRIS (30)	INTERNAL	OK / NA	NEEDS CLEANING	CLEANED		
15-CONTAMINATION/DEBRIS (20)	INTERNAL	OK / NA	NEEDS CLEANING	CLEANED		
16-OPERATING HANDLE	EXTERNAL	OK / NA	NEEDS REPAIR	REPAIRED		
17-FUSE BAY REMOVABLE BARRIERS	INTERNAL	OK / NA	CLEANED	REPLACE SET 1	REPLACE SET 2	REPLACED
18-LINE BAY REMOVABLE BARRIERS	INTERNAL	OK / NA	CLEANED	REPLACE SET 1	REPLACE SET 2	REPLACED
19-FUSE BAY RIGID BARRIERS	INTERNAL	OK / NA	REPLACE SET 1	REPLACE SET 2	REPLACED	
20-LINE BAY RIGID BARRIERS	INTERNAL	OK / NA	REPLACE SET 1	REPLACE SET 2	REPLACED	
21-LINE BAY RIGID CLEAR BARRIERS	INTERNAL	OK / NA	REPLACE #____	REPLACED		
22-SINGLE BAY BUS SIDE BARRIER	INTERNAL	OK / NA	MISSING	REPLACED		
23-ARC CHUTES	INTERNAL	OK / NA	NEEDS REPAIR	REPAIRED		
24-BLADES	INTERNAL	OK / NA	NEEDS REPAIR	REPAIRED		
25-GAS PRESSURE SF6 GEAR	EXTERNAL	OK / NA	HIGH PRESSURE	LOW PRESSURE	MIS-MATCH PRESSURE	REPAIRED
26-SIGN OF STANDING WATER	EXT/INT	OK / NA	NEEDS REPAIR	REPAIRED		
27-CHECK INTERNAL LABELING	INTERNAL	OK / NA	NEEDS REPAIR	REPAIRED		
28-CHECK INTERNAL GROUNDING	INTERNAL	OK / NA	NEEDS REPAIR (20)	NEEDS REPAIR (40)	REPAIRED	
29-ELBOW ARRESTERS	INTERNAL	OK / NA	NEW #____	REPLACE #____	REPLACED	
30-OVERHEAD ARRESTERS (WITH GLD ISOL)	INTERNAL	OK / NA	NEW #____	REPLACE #____	REPLACED	
31-BASE MOUNTED ARRESTERS	INTERNAL	OK / NA	NEW #____	REPLACE #____		
32-ARRESTER CAPS	INTERNAL	OK / NA	REPLACE #____	REPLACED		
33-NON-MOV ARRESTERS (PORCELAIN)	INTERNAL	OK / NA	REPLACE #____	REPLACED		
34-CHECK FAULT INDICATOR	INTERNAL	OK / NA	NEEDS REPAIR (P40 for 1%)	NEW #____ (P40 for 1%)	REPLACE PER C-STNDRD (P40 for 1%)	
35-ELBOW TERMINATIONS	INTERNAL	OK / NA	REPLACE #____	REPLACED		
36-INSULATED PROTECTIVE CAPS	INTERNAL	OK / NA	REPLACE #____	REPLACED		
37-SKIRTED TERMINATIONS	INTERNAL	OK / NA	REPLACE #____	REPLACED		
38-ARRESTER DRAIN WIRE	INTERNAL	OK / NA	REPLACE #____	REPLACED		
39-PROTECTIVE CAP DRAIN WIRE	INTERNAL	OK / NA	REPLACE #____	REPLACED		
40-TERMINATION DRAIN WIRE	INTERNAL	OK / NA	REPLACE #____	REPLACED		
41-CABLE CONDITION	INTERNAL	OK / NA	NEEDS REPAIR	REPAIRED		
42-CABLE TRAINING	INTERNAL	OK / NA	NEEDS REPAIR	REPAIRED		
43-PRIMARY LUG CONNECTIONS	INTERNAL	OK / NA	NEEDS REPAIR	REPAIRED		
44-FUSE HOLDER - LIVE FRONT	INTERNAL	OK / NA	REPLACE #____	REPLACED		
45-TIE DOWNS	INTERNAL	OK / NA	NEEDS REPAIR	REPAIRED		
46-VEHICLE BARRIERS	EXTERNAL	OK / NA	NEED NEW	REPLACE #____		
47-INSULATOR	INTERNAL	OK / NA	BROKEN	TRACKING		
48-GASKET (INLINE SWITCHGEAR)	INTERNAL	OK / NA	DAMAGED	REPLACE #____		
49-LEAD TERM / SLEEVE	INTERNAL	OK / NA	DAMAGED			
50-TAGGED LEAD TERM / SLEEVE	INTERNAL	OK / NA	YES			
51-CHECKED STRAY VOLTAGE	EXTERNAL	OK / NA	YES			
52-DON'T FENCE ME IN LABEL	EXTERNAL	OK / NA	ADDED			
53-SWITCHGEAR ADDRESS / LOCATION						
54-LATITUDE						
55-LONGITUDE						
56-ON SCHOOL / PARK / PLAYGROUND		OK / NA	YES			
57-NOT IN FIELD		OK / NA	NOT IN FIELD			
58-LABEL IN FIELD DOES NOT MATCH		OK / NA	DOES NOT MATTCH			
59-LABEL IN FIELD (ACTUAL)						
60-MANUFACTURER'S NAME						
61-MODEL NUMBER						
62-SERIAL NUMBER						
63-DATE MANUFACTURED						
64-P10 CALL IN		OK / NA	YES			

Comments:

Priority 20
Priority 30
Priority 40
Pri 40 SR Created
Info Only
Item corrected during inspection

Temp Patch CatIDs: L-Shaped=1609562, Flat=1606727