

RAMP TEST



DATE 11/1/2019

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AMBIENT TEMP. °F

JOB # _____

SUBSTATION _____

HUMIDITY _____ %

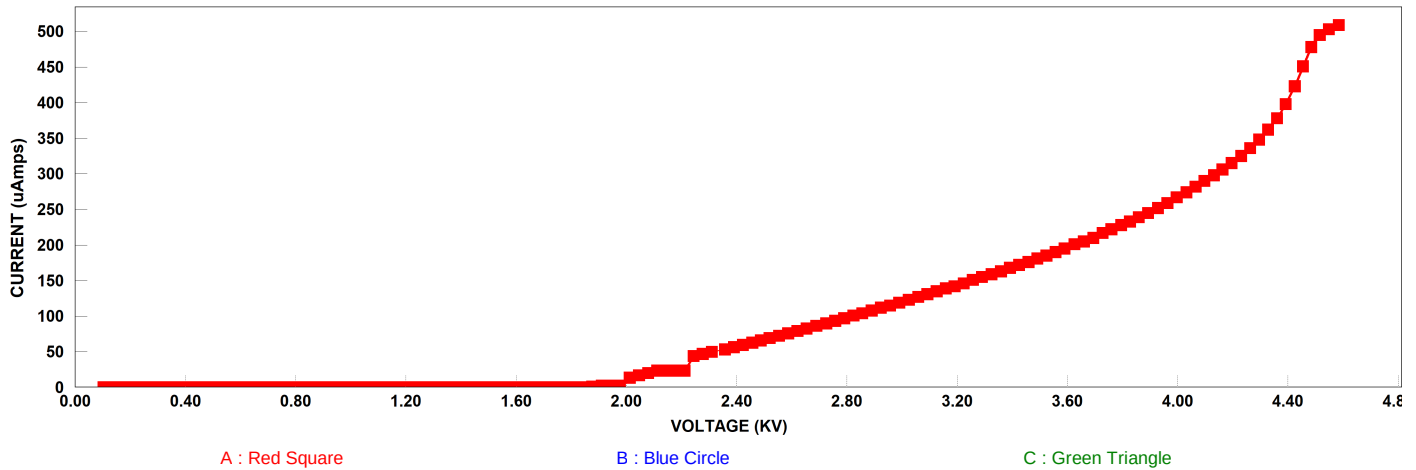
ASSET ID _____

POSITION _____

TEST STATUS _____

EQUIPMENT LOCATION _____

CURRENT VS VOLTAGE CURVE



COMMENTS: _____
DEFICIENCIES: _____

A						B						C					
A	TIME (minutes)	Volts (kV)	FILTER SETTING	CURRENT uA	RESISTANCE (megohms)	B	TIME (minutes)	Volts (kV)	FILTER SETTING	CURRENT uA	RESISTANCE (megohms)	C	TIME (minutes)	Volts (kV)	FILTER SETTING	CURRENT uA	RESISTANCE (megohms)
1	0.02	0.10	Off	0.00	100,000.0	1						1					
2	0.07	0.11	Off	0.00	40,200.00	2						2					
3	0.08	0.14	Off	0.00	42,100.00	3						3					
4	0.10	0.17	Off	0.00	44,700.00	4						4					
5	0.12	0.21	Off	0.00	46,400.00	5						5					
6	0.13	0.25	Off	0.01	48,500.00	6						6					
7	0.15	0.28	Off	0.01	51,100.00	7						7					
8	0.17	0.32	Off	0.01	53,400.00	8						8					
9	0.18	0.35	Off	0.01	55,900.00	9						9					
10	0.20	0.39	Off	0.01	58,700.00	10						10					
11	0.22	0.42	Off	0.01	61,900.00	11						11					
12	0.23	0.46	Off	0.01	64,800.00	12						12					
13	0.25	0.49	Off	0.01	67,700.00	13						13					
14	0.27	0.52	Off	0.01	70,800.00	14						14					
15	0.28	0.55	Off	0.01	73,700.00	15						15					
16	0.30	0.59	Off	0.01	77,000.00	16						16					
17	0.32	0.62	Off	0.01	79,800.00	17						17					
18	0.33	0.65	Off	0.01	82,900.00	18						18					
19	0.35	0.69	Off	0.01	85,800.00	19						19					
20	0.37	0.72	Off	0.01	88,800.00	20						20					

TEST EQUIPMENT USED: _____

TESTED BY: _____



A						B						C					
A	TIME (minutes)	Volts (kV)	FILTER SETTING	CURRENT uA	RESISTANCE (megohms)	B	TIME (minutes)	Volts (kV)	FILTER SETTING	CURRENT uA	RESISTANCE (megohms)	C	TIME (minutes)	Volts (kV)	FILTER SETTING	CURRENT uA	RESISTANCE (megohms)
21	0.38	0.75	Off	0.01	91,900.00	21						21					
22	0.40	0.79	Off	0.01	95,000.00	22						22					
23	0.42	0.82	Off	0.01	97,900.00	23						23					
24	0.43	0.86	Off	0.01	100,600.0	24						24					
25	0.45	0.89	Off	0.01	103,400.0	25						25					
26	0.47	0.92	Off	0.01	106,200.0	26						26					
27	0.48	0.96	Off	0.01	109,000.0	27						27					
28	0.50	0.99	Off	0.01	111,600.0	28						28					
29	0.52	1.02	Off	0.01	114,000.0	29						29					
30	0.53	1.06	Off	0.01	116,400.0	30						30					
31	0.55	1.09	Off	0.01	119,100.0	31						31					
32	0.57	1.13	Off	0.01	121,200.0	32						32					
33	0.58	1.16	Off	0.01	123,300.0	33						33					
34	0.60	1.20	Off	0.01	125,500.0	34						34					
35	0.62	1.23	Off	0.01	127,400.0	35						35					
36	0.63	1.26	Off	0.01	129,100.0	36						36					
37	0.65	1.30	Off	0.01	131,000.0	37						37					
38	0.67	1.33	Off	0.01	132,300.0	38						38					
39	0.68	1.37	Off	0.01	133,400.0	39						39					
40	0.70	1.40	Off	0.01	134,500.0	40						40					
41	0.72	1.44	Off	0.01	135,300.0	41						41					
42	0.73	1.47	Off	0.01	135,500.0	42						42					
43	0.75	1.50	Off	0.01	135,700.0	43						43					
44	0.77	1.54	Off	0.01	135,400.0	44						44					
45	0.78	1.57	Off	0.01	135,000.0	45						45					
46	0.80	1.61	Off	0.01	133,800.0	46						46					
47	0.82	1.64	Off	0.01	132,300.0	47						47					
48	0.83	1.67	Off	0.01	129,800.0	48						48					
49	0.85	1.71	Off	0.01	126,800.0	49						49					
50	0.87	1.74	Off	0.01	122,600.0	50						50					
51	0.88	1.78	Off	0.02	117,400.0	51						51					
52	0.90	1.81	Off	0.05	37,700.00	52						52					
53	0.92	1.84	Off	0.33	5,550.00	53						53					
54	0.93	1.88	Off	1.08	1,740.00	54						54					
55	0.95	1.91	Off	2.33	819.00	55						55					
56	0.97	1.94	Off	2.33	833.00	56						56					
57	0.98	1.98	Off	2.33	848.00	57						57					
58	1.00	2.01	Off	13.60	148.10	58						58					
59	1.02	2.05	Off	16.90	121.00	59						59					
60	1.03	2.08	Off	20.20	102.80	60						60					
61	1.05	2.11	Off	23.50	89.80	61						61					
62	1.07	2.14	Off	23.50	91.20	62						62					
63	1.08	2.18	Off	23.50	92.60	63						63					
64	1.10	2.21	Off	23.50	94.00	64						64					
65	1.12	2.24	Off	44.00	50.90	65						65					
66	1.13	2.28	Off	47.00	48.50	66						66					
67	1.15	2.31	Off	50.00	46.20	67						67					
68	1.17	2.36	Off	53.30	44.30	68						68					
69	1.18	2.39	Off	56.50	42.30	69						69					
70	1.20	2.42	Off	59.70	40.60	70						70					
71	1.22	2.46	Off	62.80	39.10	71						71					
72	1.23	2.49	Off	66.00	37.70	72						72					
73	1.25	2.52	Off	69.30	36.40	73						73					



A						B						C					
A	TIME (minutes)	Volts (kV)	FILTER SETTING	CURRENT uA	RESISTANCE (megohms)	B	TIME (minutes)	Volts (kV)	FILTER SETTING	CURRENT uA	RESISTANCE (megohms)	C	TIME (minutes)	Volts (kV)	FILTER SETTING	CURRENT uA	RESISTANCE (megohms)
74	1.27	2.55	Off	72.50	35.20	74						74					
75	1.28	2.59	Off	75.90	34.10	75						75					
76	1.30	2.62	Off	79.30	33.10	76						76					
77	1.32	2.65	Off	82.70	32.10	77						77					
78	1.33	2.69	Off	86.40	31.10	78						78					
79	1.35	2.72	Off	89.90	30.30	79						79					
80	1.37	2.76	Off	93.50	29.50	80						80					
81	1.38	2.79	Off	97.10	28.70	81						81					
82	1.40	2.82	Off	101.00	28.00	82						82					
83	1.42	2.86	Off	104.00	27.40	83						83					
84	1.43	2.89	Off	108.00	26.80	84						84					
85	1.45	2.92	Off	112.00	26.20	85						85					
86	1.47	2.96	Off	115.00	25.60	86						86					
87	1.48	2.99	Off	119.00	25.10	87						87					
88	1.50	3.03	Off	123.00	24.60	88						88					
89	1.52	3.06	Off	127.00	24.10	89						89					
90	1.53	3.09	Off	131.00	23.60	90						90					
91	1.55	3.13	Off	135.00	23.20	91						91					
92	1.57	3.16	Off	139.00	22.80	92						92					
93	1.58	3.19	Off	142.00	22.40	93						93					
94	1.60	3.22	Off	146.00	22.00	94						94					
95	1.62	3.26	Off	151.00	21.60	95						95					
96	1.63	3.29	Off	155.00	21.30	96						96					
97	1.65	3.33	Off	159.00	20.90	97						97					
98	1.67	3.36	Off	163.00	20.60	98						98					
99	1.68	3.39	Off	168.00	20.20	99						99					
100	1.70	3.42	Off	172.00	19.91	100						100					
101	1.72	3.46	Off	176.00	19.60	101						101					
102	1.73	3.49	Off	181.00	19.31	102						102					
103	1.75	3.52	Off	185.00	19.02	103						103					
104	1.77	3.56	Off	190.00	18.74	104						104					
105	1.78	3.59	Off	195.00	18.44	105						105					
106	1.80	3.63	Off	201.00	18.02	106						106					
107	1.82	3.66	Off	205.00	17.88	107						107					
108	1.83	3.69	Off	210.00	17.60	108						108					
109	1.85	3.73	Off	217.00	17.20	109						109					
110	1.87	3.76	Off	222.00	16.94	110						110					
111	1.88	3.80	Off	228.00	16.67	111						111					
112	1.90	3.83	Off	233.00	16.40	112						112					
113	1.92	3.86	Off	239.00	16.13	113						113					
114	1.93	3.89	Off	245.00	15.86	114						114					
115	1.95	3.93	Off	252.00	15.57	115						115					
116	1.97	3.96	Off	259.00	15.29	116						116					
117	1.98	4.00	Off	267.00	15.00	117						117					
118	2.00	4.03	Off	274.00	14.70	118						118					
119	2.02	4.07	Off	282.00	14.42	119						119					
120	2.03	4.10	Off	290.00	14.15	120						120					
121	2.05	4.13	Off	298.00	13.88	121						121					
122	2.07	4.16	Off	306.00	13.61	122						122					
123	2.08	4.20	Off	315.00	13.33	123						123					
124	2.10	4.23	Off	325.00	13.03	124						124					
125	2.12	4.26	Off	336.00	12.71	125						125					
126	2.13	4.30	Off	348.00	12.35	126						126					



A						B						C					
A	TIME (minutes)	Volts (kV)	FILTER SETTING	CURRENT uA	RESISTANCE (megohms)	B	TIME (minutes)	Volts (kV)	FILTER SETTING	CURRENT uA	RESISTANCE (megohms)	C	TIME (minutes)	Volts (kV)	FILTER SETTING	CURRENT uA	RESISTANCE (megohms)
127	2.15	4.33	Off	362.00	11.96	127						127					
128	2.17	4.36	Off	378.00	11.54	128						128					
129	2.18	4.39	Off	398.00	11.02	129						129					
130	2.20	4.43	Off	423.00	10.45	130						130					
131	2.22	4.45	Off	451.00	9.87	131						131					
132	2.23	4.49	Off	478.00	9.38	132						132					
133	2.25	4.52	Off	495.00	9.12	133						133					
134	2.27	4.55	Off	503.00	9.04	134						134					
135	2.28	4.59	Off	509.00	9.00	135						135					
136	2.50	4.59	Off	509.00	9.00	136						136					

Filter Setting Codes: