

INSULATION RESISTANCE



DATE 10/23/2019

PAGE 1

AMBIENT TEMP. °F

JOB # _____

SUBSTATION _____

HUMIDITY _____ %

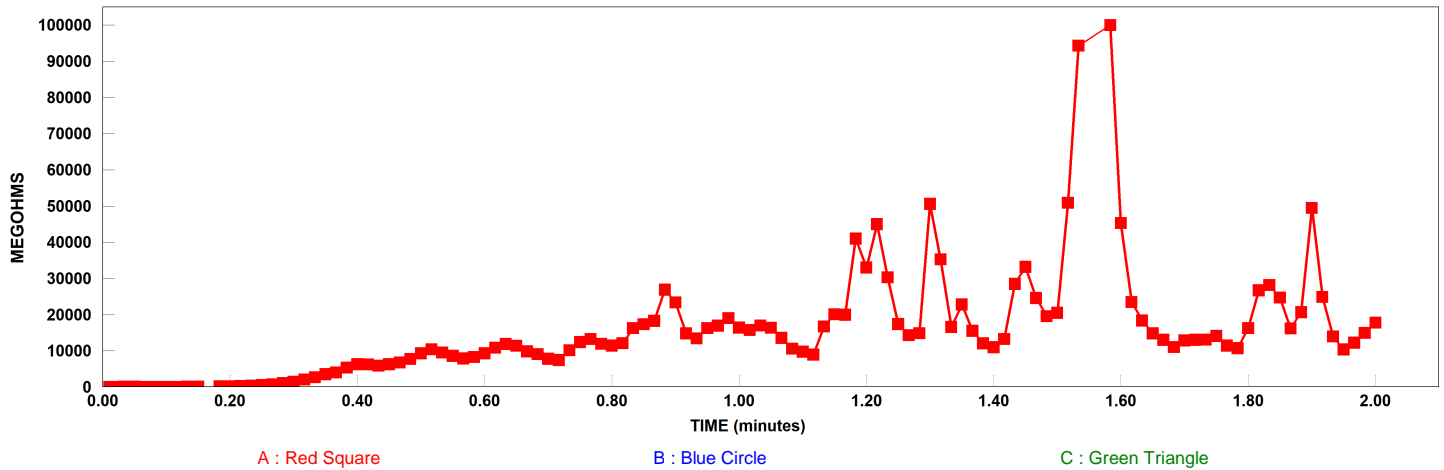
ASSET ID _____

POSITION _____

TEST STATUS _____

EQUIPMENT LOCATION _____

INSULATION RESISTANCE CURVE



COMMENTS:
DEFICIENCIES:

INSULATION TYPE: ☒ Solid ☐ Liquid TEMPERATURE 20 °C TEMPERATURE CORRECTION FACTOR TO 20 °C, TCF 1.00

...CLICK HERE TO SELECT DEVICE																	
A						B						C					
TIME (minutes)	Volts (kV)	READING (megohms)	FILTER SETTING	TEMP CORR. (megohms)	CURRENT uA	TIME (minutes)	Volts (kV)	READING (megohms)	FILTER SETTING	TEMP CORR. (megohms)	CURRENT uA	TIME (minutes)	Volts (kV)	READING (megohms)	FILTER SETTING	TEMP CORR. (megohms)	CURRENT uA
0.00	0.00	0.01	Off	0.01	0.00												
0.02	0.15	64.10	Off	64.10	2.37												
0.03	0.20	84.20	Off	84.20	2.37												
0.05	0.20	86.50	Off	86.50	2.37												
0.07	0.21	10.47	Off	10.47	19.60												
0.08	0.21	19.60	Off	19.60	10.50												
0.10	0.21	31.20	Off	31.20	6.58												
0.12	0.21	49.20	Off	49.20	4.18												
0.13	0.21	77.70	Off	77.70	2.65												
0.15	0.21	105.70	Off	105.70	1.95												
0.18	0.21	160.20	Off	160.20	1.28												
0.20	0.21	213.00	Off	213.00	0.97												
0.22	0.21	290.00	Off	290.00	0.71												
0.23	0.21	398.00	Off	398.00	0.52												
0.25	0.21	559.00	Off	559.00	0.37												
0.27	0.21	777.00	Off	777.00	0.27												
0.28	0.21	1,070.00	Off	1,070.00	0.19												
0.30	0.21	1,480.00	Off	1,480.00	0.14												

TEST EQUIPMENT USED: _____

TESTED BY: _____



INSULATION TYPE: ☒ Solid ☐ Liquid TEMPERATURE 20 °C TEMPERATURE CORRECTION FACTOR TO 20 °C, TCF 1.00

...CLICK HERE TO SELECT DEVICE																	
A						B						C					
TIME (minutes)	Volts (kV)	READING (megohms)	FILTER SETTING	TEMP CORR. (megohms)	CURRENT uA	TIME (minutes)	Volts (kV)	READING (megohms)	FILTER SETTING	TEMP CORR. (megohms)	CURRENT uA	TIME (minutes)	Volts (kV)	READING (megohms)	FILTER SETTING	TEMP CORR. (megohms)	CURRENT uA
0.32	0.21	2,090.00	Off	2,090.00	0.10												
0.33	0.21	2,700.00	Off	2,700.00	0.08												
0.35	0.21	3,540.00	Off	3,540.00	0.06												
0.37	0.21	4,040.00	Off	4,040.00	0.05												
0.38	0.21	5,390.00	Off	5,390.00	0.04												
0.40	0.21	6,320.00	Off	6,320.00	0.03												
0.42	0.21	6,260.00	Off	6,260.00	0.03												
0.43	0.21	5,910.00	Off	5,910.00	0.03												
0.45	0.21	6,290.00	Off	6,290.00	0.03												
0.47	0.21	6,790.00	Off	6,790.00	0.03												
0.48	0.21	7,770.00	Off	7,770.00	0.03												
0.50	0.21	9,320.00	Off	9,320.00	0.02												
0.52	0.21	10,440.00	Off	10,440.00	0.02												
0.53	0.21	9,540.00	Off	9,540.00	0.02												
0.55	0.21	8,600.00	Off	8,600.00	0.02												
0.57	0.21	7,900.00	Off	7,900.00	0.03												
0.58	0.21	8,310.00	Off	8,310.00	0.02												
0.60	0.21	9,320.00	Off	9,320.00	0.02												
0.62	0.21	10,880.00	Off	10,880.00	0.02												
0.63	0.21	11,880.00	Off	11,880.00	0.02												
0.65	0.21	11,410.00	Off	11,410.00	0.02												
0.67	0.21	9,870.00	Off	9,870.00	0.02												
0.68	0.21	9,120.00	Off	9,120.00	0.02												
0.70	0.21	7,800.00	Off	7,800.00	0.03												
0.72	0.21	7,480.00	Off	7,480.00	0.03												
0.73	0.21	10,170.00	Off	10,170.00	0.02												
0.75	0.21	12,450.00	Off	12,450.00	0.02												
0.77	0.21	13,260.00	Off	13,260.00	0.02												
0.78	0.21	11,960.00	Off	11,960.00	0.02												
0.80	0.21	11,440.00	Off	11,440.00	0.02												
0.82	0.21	12,110.00	Off	12,110.00	0.02												
0.83	0.21	16,270.00	Off	16,270.00	0.01												
0.85	0.21	17,340.00	Off	17,340.00	0.01												
0.87	0.21	18,280.00	Off	18,280.00	0.01												
0.88	0.21	26,900.00	Off	26,900.00	0.01												
0.90	0.21	23,400.00	Off	23,400.00	0.01												
0.92	0.21	14,830.00	Off	14,830.00	0.01												
0.93	0.21	13,470.00	Off	13,470.00	0.02												
0.95	0.21	16,300.00	Off	16,300.00	0.01												
0.97	0.21	16,970.00	Off	16,970.00	0.01												
0.98	0.21	19,020.00	Off	19,020.00	0.01												
1.00	0.21	16,410.00	Off	16,410.00	0.01												
1.02	0.21	15,750.00	Off	15,750.00	0.01												
1.03	0.21	16,990.00	Off	16,990.00	0.01												
1.05	0.21	16,390.00	Off	16,390.00	0.01												
1.07	0.21	13,570.00	Off	13,570.00	0.02												
1.08	0.21	10,620.00	Off	10,620.00	0.02												
1.10	0.21	9,750.00	Off	9,750.00	0.02												
1.12	0.21	8,950.00	Off	8,950.00	0.02												
1.13	0.21	16,730.00	Off	16,730.00	0.01												
1.15	0.21	20,100.00	Off	20,100.00	0.01												



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A						B						C					
TIME (minutes)	Volts (kV)	READING (megohms)	FILTER SETTING	TEMP CORR. (megohms)	CURRENT uA	TIME (minutes)	Volts (kV)	READING (megohms)	FILTER SETTING	TEMP CORR. (megohms)	CURRENT uA	TIME (minutes)	Volts (kV)	READING (megohms)	FILTER SETTING	TEMP CORR. (megohms)	CURRENT uA
1.17	0.21	19,980.00	Off	19,980.00	0.01												
1.18	0.21	41,000.00	Off	41,000.00	0.01												
1.20	0.21	33,000.00	Off	33,000.00	0.01												
1.22	0.21	45,000.00	Off	45,000.00	0.00												
1.23	0.21	30,300.00	Off	30,300.00	0.01												
1.25	0.21	17,410.00	Off	17,410.00	0.01												
1.27	0.21	14,320.00	Off	14,320.00	0.01												
1.28	0.21	14,850.00	Off	14,850.00	0.01												
1.30	0.21	50,600.00	Off	50,600.00	0.00												
1.32	0.21	35,300.00	Off	35,300.00	0.01												
1.33	0.21	16,600.00	Off	16,600.00	0.01												
1.35	0.21	22,800.00	Off	22,800.00	0.01												
1.37	0.21	15,530.00	Off	15,530.00	0.01												
1.38	0.21	12,070.00	Off	12,070.00	0.02												
1.40	0.21	11,010.00	Off	11,010.00	0.02												
1.42	0.21	13,280.00	Off	13,280.00	0.02												
1.43	0.21	28,500.00	Off	28,500.00	0.01												
1.45	0.21	33,200.00	Off	33,200.00	0.01												
1.47	0.21	24,600.00	Off	24,600.00	0.01												
1.48	0.21	19,580.00	Off	19,580.00	0.01												
1.50	0.21	20,500.00	Off	20,500.00	0.01												
1.52	0.21	50,900.00	Off	50,900.00	0.00												
1.53	0.21	94,300.00	Off	94,300.00	0.00												
1.58	0.21	100,000.0	Off	100,000.0	-0.00												
1.60	0.21	45,300.00	Off	45,300.00	0.00												
1.62	0.21	23,500.00	Off	23,500.00	0.01												
1.63	0.21	18,370.00	Off	18,370.00	0.01												
1.65	0.21	14,810.00	Off	14,810.00	0.01												
1.67	0.21	13,060.00	Off	13,060.00	0.02												
1.68	0.21	11,050.00	Off	11,050.00	0.02												
1.70	0.21	12,880.00	Off	12,880.00	0.02												
1.72	0.21	13,060.00	Off	13,060.00	0.02												
1.73	0.21	13,090.00	Off	13,090.00	0.02												
1.75	0.21	14,120.00	Off	14,120.00	0.01												
1.77	0.21	11,470.00	Off	11,470.00	0.02												
1.78	0.21	10,730.00	Off	10,730.00	0.02												
1.80	0.21	16,300.00	Off	16,300.00	0.01												
1.82	0.21	26,700.00	Off	26,700.00	0.01												
1.83	0.21	28,200.00	Off	28,200.00	0.01												
1.85	0.21	24,700.00	Off	24,700.00	0.01												
1.87	0.21	16,220.00	Off	16,220.00	0.01												
1.88	0.21	20,700.00	Off	20,700.00	0.01												
1.90	0.21	49,500.00	Off	49,500.00	0.00												
1.92	0.21	24,900.00	Off	24,900.00	0.01												
1.93	0.21	13,980.00	Off	13,980.00	0.01												
1.95	0.21	10,370.00	Off	10,370.00	0.02												
1.97	0.21	12,230.00	Off	12,230.00	0.02												
1.98	0.21	14,950.00	Off	14,950.00	0.01												
2.00	0.21	17,810.00	Off	17,810.00	0.01												



Filter Setting Codes: