

INSULATION RESISTANCE



DATE 10/23/2019

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AMBIENT TEMP. °F

JOB # _____

SUBSTATION _____

HUMIDITY _____ %

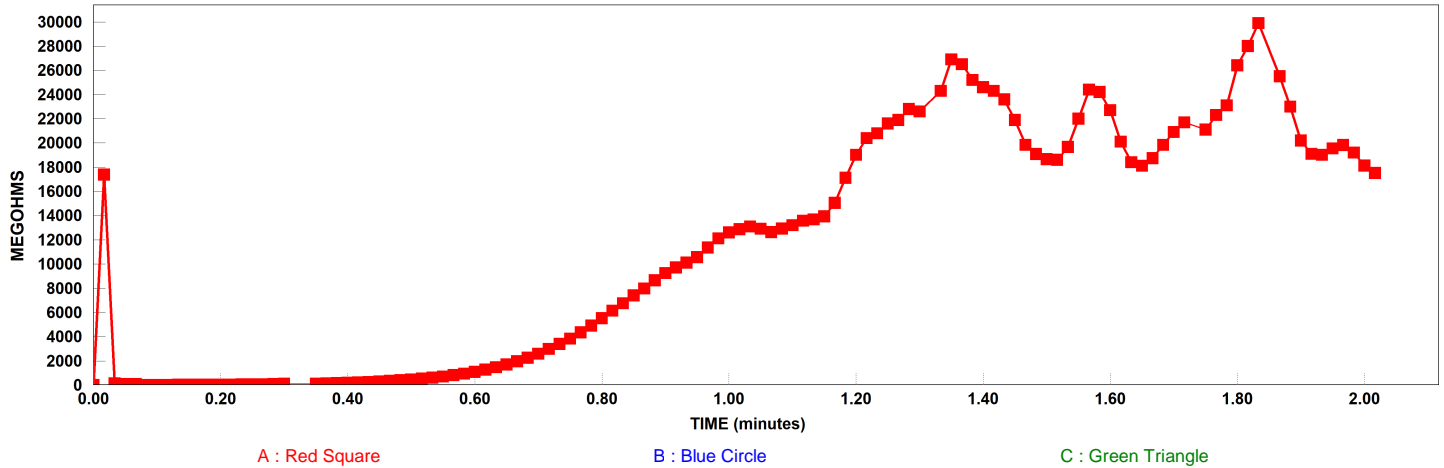
ASSET ID _____

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	0.19	17,380.00	Off	17,380.00	0.01												
0.03	0.21	151.30	Off	151.30	1.37												
0.05	0.21	86.00	Off	86.00	2.42												
0.07	0.20	84.80	Off	84.80	2.42												
0.08	0.20	17.38	Off	17.38	11.70												
0.10	0.20	18.30	Off	18.30	11.10												
0.12	0.20	19.96	Off	19.96	10.20												
0.13	0.20	22.30	Off	22.30	9.17												
0.15	0.20	25.20	Off	25.20	8.11												
0.17	0.20	28.80	Off	28.80	7.10												
0.18	0.20	33.20	Off	33.20	6.16												
0.20	0.20	38.40	Off	38.40	5.33												
0.22	0.20	44.60	Off	44.60	4.60												
0.23	0.20	51.80	Off	51.80	3.95												
0.25	0.20	60.40	Off	60.40	3.40												
0.27	0.20	70.50	Off	70.50	2.91												
0.28	0.20	82.30	Off	82.30	2.49												

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
0.30	0.20	101.00	Off	101.00	2.03												
0.35	0.21	123.70	Off	123.70	1.66												
0.37	0.21	139.30	Off	139.30	1.48												
0.38	0.21	158.50	Off	158.50	1.30												
0.40	0.21	181.60	Off	181.60	1.13												
0.42	0.21	209.00	Off	209.00	0.98												
0.43	0.21	253.00	Off	253.00	0.81												
0.45	0.21	293.00	Off	293.00	0.70												
0.47	0.21	341.00	Off	341.00	0.60												
0.48	0.21	396.00	Off	396.00	0.52												
0.50	0.21	464.00	Off	464.00	0.44												
0.52	0.21	533.00	Off	533.00	0.39												
0.53	0.21	613.00	Off	613.00	0.34												
0.55	0.21	707.00	Off	707.00	0.29												
0.57	0.21	817.00	Off	817.00	0.25												
0.58	0.21	945.00	Off	945.00	0.22												
0.60	0.21	1,090.00	Off	1,090.00	0.19												
0.62	0.21	1,270.00	Off	1,270.00	0.16												
0.63	0.21	1,480.00	Off	1,480.00	0.14												
0.65	0.21	1,700.00	Off	1,700.00	0.12												
0.67	0.21	1,960.00	Off	1,960.00	0.10												
0.68	0.21	2,250.00	Off	2,250.00	0.09												
0.70	0.21	2,590.00	Off	2,590.00	0.08												
0.72	0.21	2,980.00	Off	2,980.00	0.07												
0.73	0.21	3,400.00	Off	3,400.00	0.06												
0.75	0.21	3,840.00	Off	3,840.00	0.05												
0.77	0.21	4,350.00	Off	4,350.00	0.05												
0.78	0.21	4,910.00	Off	4,910.00	0.04												
0.80	0.21	5,520.00	Off	5,520.00	0.04												
0.82	0.21	6,150.00	Off	6,150.00	0.03												
0.83	0.21	6,760.00	Off	6,760.00	0.03												
0.85	0.21	7,410.00	Off	7,410.00	0.03												
0.87	0.21	7,970.00	Off	7,970.00	0.03												
0.88	0.21	8,650.00	Off	8,650.00	0.02												
0.90	0.21	9,250.00	Off	9,250.00	0.02												
0.92	0.21	9,720.00	Off	9,720.00	0.02												
0.93	0.21	10,110.00	Off	10,110.00	0.02												
0.95	0.21	10,560.00	Off	10,560.00	0.02												
0.97	0.21	11,360.00	Off	11,360.00	0.02												
0.98	0.21	12,120.00	Off	12,120.00	0.02												
1.00	0.21	12,610.00	Off	12,610.00	0.02												
1.02	0.21	12,870.00	Off	12,870.00	0.02												
1.03	0.21	13,100.00	Off	13,100.00	0.02												
1.05	0.21	12,910.00	Off	12,910.00	0.02												
1.07	0.21	12,630.00	Off	12,630.00	0.02												
1.08	0.21	12,920.00	Off	12,920.00	0.02												
1.10	0.21	13,200.00	Off	13,200.00	0.02												
1.12	0.21	13,570.00	Off	13,570.00	0.02												
1.13	0.21	13,680.00	Off	13,680.00	0.02												
1.15	0.21	13,940.00	Off	13,940.00	0.01												
1.17	0.21	15,050.00	Off	15,050.00	0.01												



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

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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
1.18	0.21	17,120.00	Off	17,120.00	0.01												
1.20	0.21	19,010.00	Off	19,010.00	0.01												
1.22	0.21	20,400.00	Off	20,400.00	0.01												
1.23	0.21	20,800.00	Off	20,800.00	0.01												
1.25	0.21	21,600.00	Off	21,600.00	0.01												
1.27	0.21	21,900.00	Off	21,900.00	0.01												
1.28	0.21	22,800.00	Off	22,800.00	0.01												
1.30	0.21	22,600.00	Off	22,600.00	0.01												
1.33	0.21	24,300.00	Off	24,300.00	0.01												
1.35	0.21	26,900.00	Off	26,900.00	0.01												
1.37	0.21	26,500.00	Off	26,500.00	0.01												
1.38	0.21	25,200.00	Off	25,200.00	0.01												
1.40	0.21	24,600.00	Off	24,600.00	0.01												
1.42	0.21	24,300.00	Off	24,300.00	0.01												
1.43	0.21	23,600.00	Off	23,600.00	0.01												
1.45	0.21	21,900.00	Off	21,900.00	0.01												
1.47	0.21	19,840.00	Off	19,840.00	0.01												
1.48	0.21	19,080.00	Off	19,080.00	0.01												
1.50	0.21	18,660.00	Off	18,660.00	0.01												
1.52	0.21	18,610.00	Off	18,610.00	0.01												
1.53	0.21	19,660.00	Off	19,660.00	0.01												
1.55	0.21	22,000.00	Off	22,000.00	0.01												
1.57	0.21	24,400.00	Off	24,400.00	0.01												
1.58	0.21	24,200.00	Off	24,200.00	0.01												
1.60	0.21	22,700.00	Off	22,700.00	0.01												
1.62	0.21	20,100.00	Off	20,100.00	0.01												
1.63	0.21	18,400.00	Off	18,400.00	0.01												
1.65	0.21	18,110.00	Off	18,110.00	0.01												
1.67	0.21	18,740.00	Off	18,740.00	0.01												
1.68	0.21	19,840.00	Off	19,840.00	0.01												
1.70	0.21	20,900.00	Off	20,900.00	0.01												
1.72	0.21	21,700.00	Off	21,700.00	0.01												
1.75	0.21	21,100.00	Off	21,100.00	0.01												
1.77	0.21	22,300.00	Off	22,300.00	0.01												
1.78	0.21	23,100.00	Off	23,100.00	0.01												
1.80	0.21	26,400.00	Off	26,400.00	0.01												
1.82	0.21	28,000.00	Off	28,000.00	0.01												
1.83	0.21	29,900.00	Off	29,900.00	0.01												
1.87	0.21	25,500.00	Off	25,500.00	0.01												
1.88	0.21	23,000.00	Off	23,000.00	0.01												
1.90	0.21	20,200.00	Off	20,200.00	0.01												
1.92	0.21	19,100.00	Off	19,100.00	0.01												
1.93	0.21	19,020.00	Off	19,020.00	0.01												
1.95	0.21	19,540.00	Off	19,540.00	0.01												
1.97	0.21	19,830.00	Off	19,830.00	0.01												
1.98	0.21	19,200.00	Off	19,200.00	0.01												
2.00	0.21	18,120.00	Off	18,120.00	0.01												
2.02	0.21	17,510.00	Off	17,510.00	0.01												



Filter Setting Codes: