

INSULATION RESISTANCE



DATE 10/25/2019

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AMBIENT TEMP. °F

JOB # _____

SUBSTATION _____

HUMIDITY _____ %

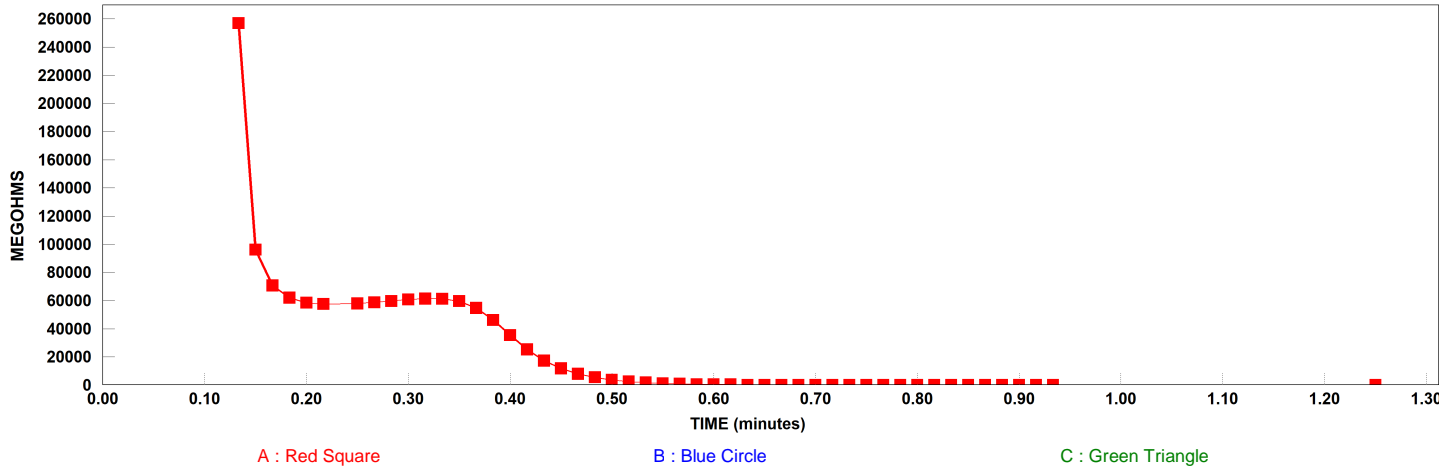
ASSET ID _____

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
0.13	0.24	257,000.0	Off	257,000.0	0.00												
0.15	0.28	96,100.00	Off	96,100.00	0.00												
0.17	0.32	70,700.00	Off	70,700.00	0.00												
0.18	0.35	62,000.00	Off	62,000.00	0.01												
0.20	0.38	58,500.00	Off	58,500.00	0.01												
0.22	0.42	57,600.00	Off	57,600.00	0.01												
0.25	0.49	58,000.00	Off	58,000.00	0.01												
0.27	0.52	58,800.00	Off	58,800.00	0.01												
0.28	0.55	59,700.00	Off	59,700.00	0.01												
0.30	0.59	60,800.00	Off	60,800.00	0.01												
0.32	0.62	61,400.00	Off	61,400.00	0.01												
0.33	0.65	61,300.00	Off	61,300.00	0.01												
0.35	0.69	59,600.00	Off	59,600.00	0.01												
0.37	0.72	54,700.00	Off	54,700.00	0.01												
0.38	0.76	46,200.00	Off	46,200.00	0.02												
0.40	0.79	35,500.00	Off	35,500.00	0.02												
0.42	0.83	25,300.00	Off	25,300.00	0.03												
0.43	0.86	17,390.00	Off	17,390.00	0.05												

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
0.45	0.89	11,840.00	Off	11,840.00	0.08												
0.47	0.93	8,040.00	Off	8,040.00	0.12												
0.48	0.97	5,570.00	Off	5,570.00	0.17												
0.50	0.99	3,770.00	Off	3,770.00	0.26												
0.52	1.04	2,620.00	Off	2,620.00	0.40												
0.53	1.08	1,800.00	Off	1,800.00	0.60												
0.55	1.11	1,250.00	Off	1,250.00	0.89												
0.57	1.14	872.00	Off	872.00	1.31												
0.58	1.18	616.00	Off	616.00	1.91												
0.60	1.21	504.00	Off	504.00	2.40												
0.62	1.24	518.00	Off	518.00	2.40												
0.63	1.27	153.20	Off	153.20	8.32												
0.65	1.31	118.50	Off	118.50	11.00												
0.67	1.34	92.90	Off	92.90	14.50												
0.68	1.38	73.40	Off	73.40	18.80												
0.70	1.41	59.00	Off	59.00	23.90												
0.72	1.45	60.40	Off	60.40	23.90												
0.73	1.48	61.70	Off	61.70	23.90												
0.75	1.51	63.00	Off	63.00	23.90												
0.77	1.54	20.80	Off	20.80	73.80												
0.78	1.57	18.21	Off	18.21	86.20												
0.80	1.60	16.04	Off	16.04	99.60												
0.82	1.64	14.27	Off	14.27	115.00												
0.83	1.67	12.59	Off	12.59	132.00												
0.85	1.70	11.11	Off	11.11	153.00												
0.87	1.73	9.89	Off	9.89	175.00												
0.88	1.77	8.89	Off	8.89	199.00												
0.90	1.79	7.17	Off	7.17	249.00												
0.92	1.81	4.75	Off	4.75	380.00												
0.93	1.83	3.51	Off	3.51	520.00												
1.25	1.83	3.51	Off	3.51	520.00												

Filter Setting Codes: