SECTION 26 0518 - TESTING OF ELECTRICAL SYSTEMS

PART 1 - GENERAL

- 1.1 DESCRIPTION OF WORK
 - A. Minimum standard of forms for performing testing of electrical equipment.
- 1.2 RELATED WORK SPECIFIED ELSEWHERE
 - B. Electrical General Division 26
- 1.3 RELATED DOCUMENTS
 - A. NFPA 70B Annex F, Forms

PART 2 - PRODUCTS

Not Applicable

PART 3 - EXCECUTION

- 3.1 TESTING FORMS PROVIDED
 - A. Feeder Megger[©] Test Report Form
 - B. Ground Test Inspection Report Heath Care Facilities
 - C. Driven Ground Test Report

These forms are made available as a minimum standard. Others may be used as long as they meet the general intent.

- 3.2 Testing Forms Referenced
 - A. Cable Test Form (Refer to NFPA 70B, Form F.27).
 - B. Insulation Resistance Test Form (Refer to NFPA 70B, Form F.28).

Feeder Megger[©] Test Report

Electrical Con	ntractor:			Sheet:	of	
Business Add	dress:					
City:			State:		Zip Code:	
Date of Measurement:			Temp/Hui	midity:	/	
Type of Mete	er and Model N	Number:				
From	То	Feeder Length	Phase A Reading	Phase B Reading	Phase C Reading	Phase N Reading
Feeder Size:					Insulation:	
Feeder Size:					Insulation:	
Feeder Size:					Insulation:	
Feeder Size:					Insulation:	
Feeder Size:					Insulation:	
Feeder Size:					Insulation:	
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Feeder Size:					Insulation:	
Feeder Size:					Insulation:	
Feeder Size:		•			Insulation:	

		Ground Test Ins	spection Report –	- Health Care Fac	ilities Sheet No	_ of						
Project		P	Project No									
Maximum Test Intervals: General Care: 12 Months Critical Care: 6 Months Wet Locations: 12 Months	Air Temp			Rel. Humidity								
General Car Critical Care	e: 12 Months e: 6 Months	20mV New Co 40mV Critical 500mV Genera 0.1 ohm New Co		New Construction Critical Existing C General Care Exis New Construction	ction ing Construction Existing Construction ds and Existing Construction Impedance ent Measurement Measureme Max. Readin				Existing Construction Care Existing Construction			
Room No.	(C) Critical	Voltage Measurement Number of Receptacles	Voltage Measurement Number of Other	Voltage Measurement Max. Reading (milli-Volts)	Measurement Number of	Measurement Max. Reading						
Remarks:	1		1	1								

(The testing shall comply with NFPA 99 – Health Care Facilities)

Grounding System Resistance Test

	_							of	
		Project No				Date Rel. Humidity			
Contractor	Air Tem	p	Rel. Humidity						
Location:									
Season									
Soil Type									
Soil Condition									
Single Rod Depth									
Multiple Rods (Y/N)									
Longest Dimension									
Buried Wire/Strips (Y/N)									
Longest Dimension									
Dist. to Aux. Electrode									
Other									
	NTIAL ELECTRODE								
Distance (FT)	Resistance (Ohms)								
				RESISTANCE (OHMS)					
		Remarks:	REGISTANCE (ORMS)						

END OF SECTION