

Project and Location \_\_\_\_\_  
 Circuit Designation \_\_\_\_\_

Project No. \_\_\_\_\_  
 Date \_\_\_\_\_

DC TEST DATA			
Time in Minutes After 100% Test Voltage Is Applied	Current, $\mu$ A		
	Phase A	Phase B	Phase C
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
kV dc after 1 min Decay			

100 Microamperes ( $\mu$ A) = 0.1 Milliampere

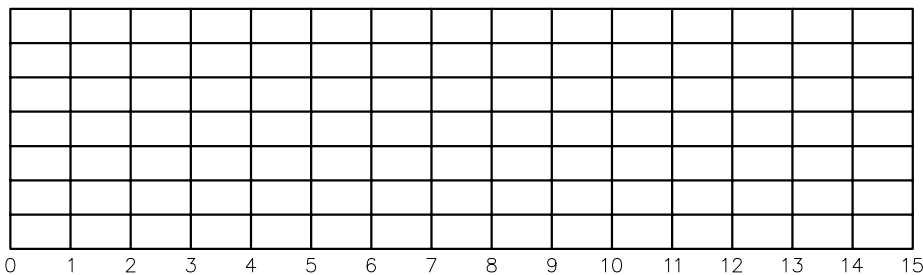
DC Test Voltage \_\_\_\_\_  
 Cable Installation: New \_\_\_\_\_ Used \_\_\_\_\_ Years  
 Cable: Size \_\_\_\_\_ Length \_\_\_\_\_  
 Oper. KV \_\_\_\_\_ Grounded \_\_\_\_\_ Ungrounded \_\_\_\_\_  
 Rated Cable Voltage \_\_\_\_\_  
 Insulation Wall \_\_\_\_\_  
 (Type & Thickness)  
 Conductor Jacket Wall \_\_\_\_\_  
 (Type & Thickness)  
 Shield \_\_\_\_\_  
 (Type)  
 Cable Manufacturer \_\_\_\_\_  
 Temperature \_\_\_\_\_ Humidity \_\_\_\_\_  
 Type of Termination \_\_\_\_\_  
 Type of Splice & Location \_\_\_\_\_  
 \_\_\_\_\_  
 Remarks \_\_\_\_\_

APPLICATION OF TEST VOLTAGE

The initially applied direct-current voltage shall be not greater than 3.0 times the rated alternating-current voltage. The rate of increase from the initially applied voltage to the specified test voltage shall be not over 100 percent in 10 seconds nor less than 100 percent in 60 seconds. The duration of the direct-current voltage test shall be 15 minutes for shielded cables and 5 minutes for nonshielded cables.

Test Curve

Current in Microamperes



NOTES:

1. Plot results of tests on all three phases on this graph.
2. Assign and indicate values for each division on the microamperes scale as required for the circuit being tested.

C					
B					
A					
	DESCRIPTION	DRW	CKD	APP	DATE
REVISIONS					
DRAWN BY: B & V					
CHECKED BY: S.D.A.					
APPROVED:					

**Cable Tray Data Form**

SCALE: NONE

CITY OF DETROIT  
 WATER AND SEWERAGE  
 DEPARTMENT  
 ENGINEERING  
 DIVISION

SHEET 1 OF 1

DWG No. 16050-15