

# CAPACITIVE VOLTAGE TRANSFORMER

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## TEST DATA

**Test Data No.**

Station \_\_\_\_\_  
Circuit \_\_\_\_\_  
Equipment ID \_\_\_\_\_  
Date of Test \_\_\_\_\_

**Application:**

[ ] Protection/Statistical

**SPECIFICATIONS:** ( Make/ Type, etc.)

Make: \_\_\_\_\_  
Type: \_\_\_\_\_  
BIL \_\_\_\_\_  
Rated primary voltage: \_\_\_\_\_  
Frequency: \_\_\_\_\_

Accuracy Class \_\_\_\_\_  
Metering \_\_\_\_\_  
Protection \_\_\_\_\_

**I. INSULATION POWER FACTOR TEST ( For 230 kV and above)**

PHASE	SERIAL NO.	PARTS MEASURED	TEST kV	CURRENT mA	WATTS	POWER FACTOR		CAPACITANCE pF	RATING (S, P, C)
						Measured	Corrected		

**II. INSULATION RESISTANCE TEST**

PHASE	SERIAL NO.	PARTS MEASURED	TEST kV	MEASURED RESISTANCE ( MΩ )	MΩ/kV	RATING (S, P, C)

Remarks: \_\_\_\_\_  
\_\_\_\_\_

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## II. POTENTIAL TRANSFORMATION RATIO TEST

PHASE	SERIAL NO.	CONNECTIONS	PRIMARY/ SECONDARY	COMPUTED RATIO	MEASURED	PHASE DEVIATION	% ERROR	RATING (S, P, C)

Remarks: \_\_\_\_\_  
\_\_\_\_\_

Overall Remarks: \_\_\_\_\_  
\_\_\_\_\_

Tested by : \_\_\_\_\_

Concurred by : \_\_\_\_\_

\_\_\_\_\_  
Contractor - Test Engineer

\_\_\_\_\_  
Owner's Representative

TEST INSTRUMENTS:  
(Eqpt.ID/Make/Model/SN/  
Date of last calibration)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Legend:  
S - Satisfactory  
P - Poor  
C - Critical