

# GAS CIRCUIT BREAKER

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## TEST DATA

**Test Data No**

Station \_\_\_\_\_  
 Equipment ID \_\_\_\_\_  
 Date of Test \_\_\_\_\_  
 Make \_\_\_\_\_  
 Serial No \_\_\_\_\_  
 Type \_\_\_\_\_  
 Rated kV \_\_\_\_\_  
 Interrupting Capacity, kA \_\_\_\_\_  
 Year Manufactured \_\_\_\_\_

**Module Type:**

"I" (live-tank)  
 "Y" (live-tank)  
 "V" (dead-tank)

**Operating Mechanism:**

Spring  
 Pneumatic  
 Hydraulic

**I. INSULATION RESISTANCE TESTS**

BREAKER POSITION	PHASE	PARTS MEASURED	TEST KV	MEASURED RESISTANCE MO	MΩ/kV	RATING (S, P, C)
OPEN	A	POLE 1 - GND				
		POLE 2 - GND				
		POLE 1 - POLE 2				
	B	POLE 3 - GND				
		POLE 4 - GND				
		POLE 3 - POLE 4				
	C	POLE 5 - GND				
		POLE 6 - GND				
		POLE 5 - POLE 6				
CLOSED	A	POLE 1/2 - GND				
	B	POLE 3/4 - GND				
	C	POLE 5/6 - GND				

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

**II. CONTACT RESISTANCE TESTS**

PARTS MEASURED	PHASE	RESISTANCE (μΩ)			WATT-LOSS	RATING (S, P, C)
		Trial 1	Trial 2	Average		
P1 - P2	A					
P3 - P4	B					
P5 - P6	C					

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

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## III. CB TIMING TEST

### A. MECHANISM RUNDOWN

MODE OF OPERATION	OPERATING TIME (milli - sec)			MISMATCH TIME	RATING (S, P, C)
	Phase A	Phase B	Phase C		
Trip 1					
Trip 2					
Close					
Close-Open					

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