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SYNCHORONIZING RELAY TEST RECORD Quality Control Form	DOC No. ISSUE DATE. : PAGE.: of

EQUIP. LOCATION :	PANEL No. :	
MANUFACTURE :	SERIAL No. :	
RELAY TYPE :	MODEL No. :	
TEMP. :	HUMIDITY :	TEST DATE :

1. Voltage Difference For Synchronizing (^ V):

V line	V Gen	Compute ΔV	Expected ΔV	V Gen	V line	Compute ΔV	Expected ΔV	Remarks

2. Phase Displacement (^ e):

e line	e Gen	Compute ΔV	Expected ΔV	e line	e Gen	Compute ΔV	Expected ΔV	Remarks

3. Operating time for Synchronizing :

Theoretical Value	Relay Value	Remarks
S	S	

4. Operating time for Closing :

Theoretical Value	Relay Value	Remarks
S	S	

5. Voltage Monitoring :

Line Side Voltage				Generator Site Voltage				Remarks
Pickup		Dropout		Pickup		Dropout		
Theoretical Value	Relay Value	Theoretical Value	Relay Value	Theoretical Value	Relay Value	Theoretical Value	Relay Value	

6. Measuring :

Line Side Voltage				Generator Site Voltage				Remarks
V line		V Gen		V line		V Gen		
Injected Value	Relay Value	Injected Value	Relay Value	Injected Value	Relay Value	Injected Value	Relay Value	

Remarks :

Subcontractor :	Contractor :	Company :
Data	Name / Sign Date	Name / Sign Date
Subcon Testing Team Data		