
APPENDIX -C TEST RESULTS

NOTE: Instruments provided by Customer will normally be used for the tests after ascertaining their operation in the applicable ranges.

1. Voltage Ratio test:- (Voltage applied on HV Side and **measured on LV Side – in Volts**)

Tap No.	1U1V		1V1W		1W1U	
	2U2V	2V2W	2W2U	2U2N	2V2N	2W2N
1						
2						
3						
4						
5						
6						
7						
8						
9						

2. A) Magnetic Balance test:- Tap No.: (* - All values are in volts)

1U1V	1V1W	1W1U	2U2V	2V2W	2W2U	2U2N	2V2N	2W2N

3. Magnetizing Current test:- on HV Side (Voltage applied on HV Side, and current **measured on HV Side – in Mille Ampere**)

Tap No.	1U1V	1V1W	1W1U
	1U-ph	1V-ph	1W-ph
1			
2			
3			
4			
5			
6			
7			
8			
9			

4. Megger/PI Test:- (at temp.= °C)

Instrument Details: Make:			Sr. No: Capacity:		
I.R. Value	Voltage	15 sec	60 sec	600 sec	PI (If applicable)
HV-Earth	5000				
HV-LV	2500				
LV-Earth	1000				

5. Vector Group Test:- (Shorted 1U & 2U terminal and Voltage applied on HV Side i.e. to 1U1V – 1V1W – 1W1U):- (Before any activity done)

1U1V=		Conditions Required:	
1V1W=		1W2V>1W2W	1U2N+1V2N=1U1V
1W1U=		1V2V=1V2W	
Readings			
1V2V=		1V2W=	1U2N =
1W2V=		1W2W=	1V2N =
Remarks:-	From above it is confirmed that vector group is		

6. Oil BDV Test:- measured in Kilo Volt (with 2.5 mm gap & average of 05-strokes)

	Before Filtration	After Filtration
Main Tank (Bottom)	KV	KV
OLTC	KV	KV

Tested By:	Customer Sign:	