	PROJECT NAME & LOGOS								
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GLIDGO	ATT A CTOR	Ty.		COMEDA	CTOD		1 age . 1 01 3		
SOBCO	NTRACTOR	X		CONTRA	CTOR				
SECTIO	N OF WORK: I	Electrical		LOCATION	N:				
LEVEL:				WIR No.:					
	Project								
	tation Locatio	n							
	Contractor								
	Consultant lanufacturer								
	erial number								
3,	Type								
	Cooling								
V	ector Group								
	Rating								
	Ratio								
	Date								
1.	Visual ins	pection:							
S/N	Inspections) b		nspection	Results		
2		xible connector s should be co							
3				y tigrit. lals and Bus-bars					
4				Foreign Materials					
5				to the Earthing System					
6		me plate data							
2.	<u>Insulation</u>	Resistance	Meas	surement Test:					
	Reference			Applied Voltage		Insulation	Resistance in [G Ω] for 1		
							Min.		
	HV to Earth			5 kV for 1 minute					
	LV to Earth	1		1 kV for 1 minute 1 kV for 1 minute					
	HV to LV			i kv ior i minute					
3.	3. Winding Resistance Test:								
Windin	g Reference	Tap Posit	ion	U - V	,	/ - W	U – W		
	_	-							
HV	Winding	Principal [*]	Тар						
LV Winding									

		PROJECT NAME & LOGOS	
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_	_		Form No:
Tran	sformer To	esting and Commissioning	Rev. No : 00
SUBCONTRACTOR	X	CONTRACTOR	Page : 2 of 5
SECTION OF WORK: El	ectrical	LOCATION:	
LEVEL:		WIR No.:	

4. Ratio Test:

Apply 3 Phase 415 Volts @ HV winding & measure the corresponding voltages with respect to Taps.

Tap No	HV Volte	HV Volts LV Volts	HV Applied Volts			LV Measured Volts		
140 110	114 VOILS		1U-1V	1V-1W	1U-1W	2U-2N	2V-2N	2W-2N
1								
2								
3								
4								
5								

OR

The test is performed with a digital ratio meter which measures the ratio value of the transformer and simultaneously checks the vector group and the polarity.

Tap No.	Actual Ratio (HV-PhPh.)/(LV-PhN)	Calculated Ratio 1U1V/2U2N	Calculated Ratio 1V1W/2V2N	Calculated Ratio 1U1W/2W2N
1				
2				
3				
4				
5				

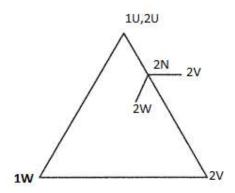
PROJECT	T NAME & LOGOS	
CHECK LIST FOR:		
Transformer Testing and Co	Form No: Rev. No : 00 Page : 3 of 5	
SUBCONTRACTOR X	CONTRACTOR	
SECTION OF WORK: Electrical	LOCATION:	
LEVEL:	WIR No.:	

5. Core Balance Test at Normal Tap:

Applied Voltage	Applied Voltage A		pplied Voltage		Measured Voltage		
at	1U-1V	1V-1W	1U-1W	1U-1V	1V-1W	1U-1W	
1U1V (1W Removed)							
1V1W (1V Removed)							
1U1W (1U Removed)							

6. <u>Vector Group & Polarity Test:</u>

Dyn11 Vector Group & Polarity measurement



For proving the Dyn11 Vector Group:

Connect both 1U & 2U together. Apply 415, 3 Ph. Voltage on HV winding

Measure Voltage between 1U1V= ; 1V1W= ; 1U1W =

& the following:

PROJECT NAME &	LOGOS
CHECK LIST FOR:	
Transformer Testing and Commission	Form No: Rev. No : 00 Page : 4 of 5
SUBCONTRACTOR X CON	NTRACTOR
SECTION OF WORK: Electrical LOCA LEVEL: WIR N	TION:

	2U	2V	2W
1U			
1V			
1W			

For measured Values, the following conditions are to be satisfied:

7. <u>Temperature Controller NT 935:</u>

Setting for NT 935		Sensor 1	Sensor 2	Sensor 3	Sensor 4	Contact Checked
Alarm						
Trip						
Fan On						
Fan Off						

8. Instrument Used:

S/N	Name of instruments	Make	Serial No	Type model	Calibrated date	Calibration due date
1						
2						
3						
4						
5						

PROJECT NAME & LOGOS							
CHECK LIST FO	OR:				_		
,	Transformer	Testing and Commis	ssioning		Form No: Rev. No: 00 Page: 5 of 5		
SUBCONTRACTO	SUBCONTRACTOR X CONTRACTOR						
SECTION OF WOR	K: Electrical		OCATION: IR No.:				
Remark	s <i>:</i>						
For S/C QA/QC:	Date:	FOR CONTRACTOR QA/QC:	Date:	For Consult Rep.:	ant Date:		
Name:	Sign:	Name:	Sign:	Name:	Sign:		