

MAXIMA		Transformer Test Report			
No Dokumen	:	FM -03-006-PP	Tanggal	:	28 Februari 2018
Revisi	:	1	Hal	:	1

Transformer	3	Phase	Freq	50	Hz	Transformer No	:	180390001-S
Vector group	YNyn6	Rated power	400	kVA	Customer	:		
Standard								


	Tap	Voltage (volt)	Current (ampere)	Resume		
Primer					Guaranteed	Measured
	3	20000	11,55	No-load losses (watt)	950	796,94
				Load losses (watt)	6000	6011,58
Secondary		400	577,35	Impedance (%)	4	3,65
				No load current (%)	1,9	0,53

No load losses measurement			
Voltage	Current	Losses	Io
Volt	Ampere	Watt	%
400	3,06	796,94	0,531

Load losses & Impedance measurement				
Voltage	Current	Losses		
Vsc	IN	WTo	P(750C)	Iz(750C)
Volt	Ampere	Watt		%
714,6	11,55	5247,6	6011,58	3,65

Resistance winding									
Tap	Nominal	Measurement			Primary side (Ω)			Secondary side (Ω)	
		U	V	W	1U-1V	1V-1W	1U-1W	2u-2v	2v-2w
1	52,50	52,58	52,58	52,58					
2	51,25	51,30	51,30	51,32					
3	50,00	50,08	50,07	50,08	13,70	13,71	13,72	0,004336	0,004273
4	48,75	48,81	48,81	48,81					
5	47,50	47,57	47,57	47,52					

Insulation test								
Induced Over voltage			Applied Voltage			Megger Test		
Supplied on			Between					
At	800,00	Volt	HV-LV+Earth :	50	KV	Test Voltage	2500	VDC
At	150	Hz	LV-HV+Earth :	3	KV	HV-G	4000	M Ohm
Duration	40	sec	Duration	60	Sec	LV-G	3200	M Ohm
Result	Withstand		Result	Withstand		HV-LV	5500	M Ohm
Vector group check :			YNyn6	Dielectric strength of oil :		60	kV	/2.5 mm
Result :			OK	Minimum std :		50	kV	/2.5 mm
				Standard :		IEC 60156 : 1995		
Oil leak test								
Oil Pressure :		0,5	Bar					
Duration :		24	Hour					
Result :		No leak						

		Witnessed by:	Mojokerto, 28/12/2018 PT. MAXIMA DAYA INDONESIA
1.			 (Juli Rokhmad)
2.			
3.			