

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

Transformer	3	Phase	Freq	50	Hz	Transformer No	:	180390002-S
Vector group	Dyn5	Rated power	400	kVA	Customer	:		
Standard								


	Tap	Voltage (volt)	Current (ampere)	Resume		
Primer					Guaranteed	Measured
	3	20000	11,55	No-load losses (watt)	950	699,25
				Load losses (watt)	6000	5982,02
Secondary		400	577,35	Impedance (%)	4	3,64
				No load current (%)	1,9	0,83

No load losses measurement			
Voltage	Current	Losses	Io
Volt	Ampere	Watt	%
400	4,78	699,25	0,828

Load losses & Impedance measurement				
Voltage	Current	Losses		
Vsc	IN	WTo	P(750C)	Iz(750C)
Volt	Ampere	Watt		%
713,3	11,56	5230,6	5982,02	3,64

					Resistance winding					
	Nominal	Measurement			Primary side (Ω)			Secondary side (Ω)		
Tap		U	V	W	1U-1V	1V-1W	1U-1W	2u-2v	2v-2w	2u-2w
1	90,93	90,83	90,86	90,82						
2	88,77	88,67	88,71	88,67						
3	86,60	86,51	86,55	86,50	13,70	13,76	13,85	0,004209	0,004206	0,004205
4	84,44	84,33	84,36	84,33						
5	82,27	82,15	82,18	82,15						

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	5500	M Ohm
Duration	40	sec	Duration	60	Sec	LV-G	4100	M Ohm
Result	Withstand		Result	Withstand		HV-LV	6200	M Ohm
Vector group check :			Dyn5	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	
		1.		PT. MAXIMA DAYA INDONESIA	
		2.			
		3.		( Juli Rokhmad )	