

<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	:	190200002-S
Vector group	YNyn6	Rated power	2500		kVA	Customer	:	
Standard								


	Tap	Voltage (volt)	Current (ampere)	Resume		
Primer					Guaranteed	Measured
	3	20000	72,17	No-load losses (watt)	2800	2225,18
				Load losses (watt)	31000	30964,15
Secondary		400	3608,44	Impedance (%)	7	7,08
				No load current (%)	2	0,08

No load losses measurement			
Voltage	Current	Losses	Io
Volt	Ampere	Watt	%
400	2,80	2225,18	0,078

Load losses & Impedance measurement				
Voltage	Current	Losses		
Vsc	IN	WTo	P(750C)	Iz(750C)
Volt	Ampere	Watt		%
1092,2	55,90	16019	30964,15	7,08

		Resistance winding								
Tap	Nominal	Measurement			Primary side (Ω)			Secondary side (Ω)		
		U	V	W	1U-1V	1V-1W	1U-1W	2u-2v	2v-2w	2u-2w
1	52,50	52,62	52,59	52,60						
2	51,25	51,34	51,33	51,35						
3	50,00	50,07	50,04	50,05	1,93	1,94	1,70	0,000581	0,000534	0,000547
4	48,75	48,76	48,76	48,76						
5	47,50	47,51	47,51	47,48						

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	1800	M Ohm
Duration	40	sec	Duration	60	Sec	LV-G	1100	M Ohm
Result	Withstand		Result	Withstand		HV-LV	1700	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, 06/05/2019 PT. MAXIMA DAYA INDONESIA
1.			 ( Juli Rokhmad )
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