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	:	190250001-S
Vector group	Dyn5	Rated power	630		kVA	Customer	:	
Standard								

	Tap	Voltage (volt)	Current (ampere)	Resume		
					Guaranteed	Measured
Primer	3	20000	18,19	No-load losses (watt)	1200	1132,89
				Load losses (watt)	8500	7594,79
Secondary		400	909,33	Impedance (%)	4	4,21
				No load current (%)	1,8	0,51

No load losses measurement			
Voltage	Current	Losses	Io
Volt	Ampere	Watt	%
400	4,66	1132,89	0,512

Load losses & Impedance measurement				
Voltage	Current	Losses		
Vsc	IN	WTo	P(750C)	Iz(750C)
Volt	Ampere	Watt		%
833,3	18,19	6602	7594,79	4,21

					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	95,26	95,31	95,33	95,24						
2	90,93	90,95	90,97	90,93						
3	86,60	86,60	86,62	86,55	6,77	6,77	6,77	0,002209	0,002174	0,002202
4	82,27	82,25	82,27	82,14						
5	77,94	77,91	77,92	77,89						

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	0	M Ohm	
Duration	40	sec	Duration		Sec	LV-G	0	M Ohm	
Result			Result	Withstand		HV-LV	0	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, 13/06/2019
	1.	PT. MAXIMA DAYA INDONESIA
	2.	
	3.	
		(Juli Rokhmad)