

UNIMAG POWER TRANSFORMER PVT LTD

Unit I : 26/A, II PHASE, PEENYA INDUSTRIAL AREA, BANGALORE, INDIA.

Unit II : PLOT NO. 37, SECTOR-8A, INDUSTRIAL AREA HARIDWAR

Unit III : 275, 4th cross IV PHASE, PEENYA INDUSTRIAL AREA, BANGALORE, INDIA.

WORKS / CUSTOMER'S INSPECTION TEST REPORT FOR TRANSFORMER

Customer :-	M/s. Shree Electricals & Engineers			Page No	1 of 1
Transformer No: OPGB00167/000	KVA:	2500	Tested On:	24.07.2017	IS Std. Ref
Wdg	VOLTS	AMPERES	COOLING	FREQUENCY IN Hz	VECTOR GROUP
HV	33000	43.74	ONAN	50	DYN11
LV	433	3333.43			

Load and no load calculations at normal tap

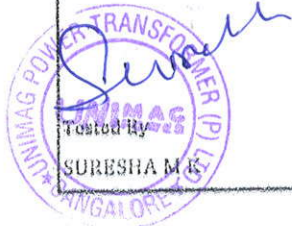
1	LOAD LOSSES AT RATED CURRENT AT AMBIENT	14374.90	WATTS
2	% IMPEDANCE AT RATED CURRENT AT AMBIENT	6.46	%
3	% RESISTANCE AT RATED CURRENT AT AMBIENT	0.57	%
4	% REACTANCE AT RATED CURRENT	6.44	%
5	LV I ² R LOSSES AT AMBIENT	6814.84	WATTS
6	HV I ² R LOSSES AT AMBIENT	7427.49	WATTS
7	TOTAL I ² R LOSSES AT AMBIENT	14242.34	WATTS
8	TOTAL STRAY LOSSES AT AMBIENT	132.56	WATTS
9	TOTAL I ² R LOSSES AT 75 °c.	16851.62	WATTS
10	TOTAL STRAY LOSSES AT 75 °c.	112.03	WATTS
11	TOTAL LOAD LOSSES AT 75 °c.	16963.66	WATTS
12	% RESISTANCE AT RATED CURRENT AT 75 °c.	0.68	%
13	% IMPEDANCE AT RATED CURRENT AT 75 °c	6.47	%
14	No load losses at 50 Hz	1928.50	WATTS
15	Regulation at Unity P.F.	0.89	%
16	Regulation at 0.8 P.F	4.52	%
17	Efficiency		
	% of Load	At UPF	At 0.8 PF
	125	99.10 %	98.88 %
	100	99.25 %	99.06 %
	75	99.39 %	99.24 %
	50	99.51 %	99.39 %
	25	99.52 %	99.41 %

Tested by : B/317054 RO

Tests Witnessed by

Name

Signature



Tested By
SURESHA M K

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WORKS / CUSTOMER'S INSPECTION TEST REPORT FOR TRANSFORMER

Customer :-	M/s. Shree Electricals & Engineers			Page No	1 of 1
Transformer No:	OPGB00167/0002	KVA:	2500	Tested On:	24.07.2017
Wdg	VOLTS	AMPERES	COOLING	FREQUENCY IN Hz	VECTOR GROUP
HV	33000	43.74	ONAN	50	DYN11
LV	433	3333.43			

Load and no load calculations at normal tap

1	LOAD LOSSES AT RATED CURRENT AT AMBIENT		15457.98	WATTS
2	% IMPEDANCE AT RATED CURRENT AT AMBIENT		6.22	%
3	% RESISTANCE AT RATED CURRENT AT AMBIENT		0.62	%
4	% REACTANCE AT RATED CURRENT		6.19	%
5	LV I ² R LOSSES AT AMBIENT		7586.00	WATTS
6	HV I ² R LOSSES AT AMBIENT		7629.32	WATTS
7	TOTAL I ² R LOSSES AT AMBIENT		15215.32	WATTS
8	TOTAL STRAY LOSSES AT AMBIENT		242.66	WATTS
9	TOTAL I ² R LOSSES AT 75 °c.		16905.92	WATTS
10	TOTAL STRAY LOSSES AT 75 °c.		218.39	WATTS
11	TOTAL LOAD LOSSES AT 75 °c.		17124.31	WATTS
12	% RESISTANCE AT RATED CURRENT AT 75 °c.		0.68	%
13	% IMPEDANCE AT RATED CURRENT AT 75 °c		6.23	%
14	Noload losses at 50 Hz		1932.49	WATTS
15	Regulation at Unity P.F.		0.88	%
16	Regulation at 0.8 P.F		4.37	%
17	Efficiency			
	% of Load	At UPF	At 0.8 PF	
	125	99.09	98.87	%
	100	99.24	99.06	%
	75	99.39	99.23	%
	50	99.51	99.38	%
	25	99.52	99.40	%

Tested by : A/317 202 R1

Tests Witnessed by

Name

Signature

Tested By

SURESHAM K



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WORKS / CUSTOMER'S INSPECTION TEST REPORT FOR TRANSFORMER

Customer :-	M/s. Shree Electricals & Engineers			Page No	1 of 1
Transformer No:	OKGB00170/0001	KVA:	800	Tested On :	24.07.2017
Wdg	VOLTS	AMPERES	COOLING	FREQUENCY IN Hz	VECTOR GROUP
HV	33000	14.00	ONAN	50	DYN11
LV	433	1066.70			

Load and no load calculations at normal tap

1	LOAD LOSSES AT RATED CURRENT AT AMBIENT		4966.11	WATTS
2	% IMPEDANCE AT RATED CURRENT AT AMBIENT		5.10	%
3	% RESISTANCE AT RATED CURRENT AT AMBIENT		0.62	%
4	% REACTANCE AT RATED CURRENT		5.06	%
5	LV I ² R LOSSES AT AMBIENT		1968.47	WATTS
6	HV I ² R LOSSES AT AMBIENT		2392.70	WATTS
7	TOTAL I ² R LOSSES AT AMBIENT		4361.17	WATTS
8	TOTAL STRAY LOSSES AT AMBIENT		604.93	WATTS
9	TOTAL I ² R LOSSES AT 75 °c.		5179.94	WATTS
10	TOTAL STRAY LOSSES AT 75 °c.		509.31	WATTS
11	TOTAL LOAD LOSSES AT 75 °c.		5689.25	WATTS
12	% RESISTANCE AT RATED CURRENT AT 75 °c.		0.71	%
13	% IMPEDANCE AT RATED CURRENT AT 75°c		5.11	%
14	Noload losses at 50 Hz		1038.04	WATTS
15	Regulation at Unity P.F.		0.84	%
16	Regulation at 0.8 P.F		3.67	%
17	Efficiency			
	% of Load	At UPF		At 0.8 PF
	125	99.02	%	98.77
	100	99.17	%	98.96
	75	99.30	%	99.12
	50	99.39	%	99.24
	25	99.31	%	99.14

Tested by : A

Tests Witnessed by

Name

Signature

