

Test Datasheet

Medium Voltage Transformer
 Power Factor
ID: T-1 {1000KVA}
 Test: Acceptance Testing
 Date: January 10, 2022

Project Information

Customer Name	Project Name	Project Number	Site Name
Helix Electric	Ava Arts District	2201000	Ava Apartments
Site Address	City	State	
2367 Sunset Avenue	Los Angeles	CA	

Nameplate Information

Substation:	Equipment ID:	Manufacture	Manufactures Date	Serial Number:	Phases	KVA
Unit 3	T-1	Eaton	January 21,2022	XF12345XX	3 phase	1000
Winding Configuration	Class	Temp Rise:	Impedance	Hertz	Voltage	Current
Delta-Wye	FA	90	5.0	60	480V/ 208/120V	100A /300A

Test Data

Connections			Inputs	Test Results						
Test No.:	HV Lead:	LV Lead:	Insulation	Test KV	Corr. Factor:	milli-Amps:	Watts:	% PF	% Corr.:	Cap (pF):
1	Pri-Winding	Sec-Winding	C_H+C_{HL} (GST)	10	.99	27.285	1.197	0.439	0.434	7237.7
2			C_H (GST)	10	.99	27.285	1.197	0.439	0.434	7237.7
3			C_{HL}	10	.99	27.285	1.197	0.439	0.434	7237.7
Test 1 -Test 2			C_{HL}		.99	27.285	1.197	0.439	0.434	7237.7
5	Sec-Winding	Pri-Winding	C_L+C_{HL} (GST)	10	.99	27.285	1.197	0.439	0.434	7237.7
6			C_{HL} (GST)	10	.99	27.285	1.197	0.439	0.434	7237.7
7			C_{HL} (GST)	10	.99	27.285	1.197	0.439	0.434	7237.7
Test 5 -Test 6			C_{HL}		.99	27.285	1.197	0.439	0.434	7237.7

Low Voltage Transformer
ID: T-1 {1000KVA}

Excitation Current

Tap Position	Test KV	H1-H2			H2-H3			H3-H1		
		mA	Watts	L/C	mA	Watts	L/C	mA	Watts	L/C
1	10	122.923	839.595	L	123.201	841.87	L	123.201	841.87	L

Test Equipment

Equipment	Cal. expiration Date:	Equipment	Cal. expiration Date:	Equipment	Cal. expiration Date:
PI-1600	jan/2/2022	PI-1600	jan/2/2022	PI-1600	jan/2/2022

Notes**Field Technicians**

Lead Field Technician:

Miguel Barroso

Field Technician(s):

John Brown

Field Technician(s):