

# 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):