



TWO WINDING DRY-TYPE TRANSFORMER FORM

4961

CUSTOMER	M.E.S	DATE	12/9/25		
ADDRESS	Montrose Colorado	TEMP	70 °F	JOB NUMBER	702742
		RH%	30%	TECHNICIAN(S)	Bradley Holden
SUBSTATION	Yard	POSITION		EQUIP. ID	4961
INS-RES ASSET-CAL	08/28/2025	WINDING-RES ASSET-CAL	N/A	TTR ASSET-CAL	09/30/2025

NAMEPLATE DATA

MANUFACTURER	Illegible	CONFIGURATION	Delta	--	Wye	INS MATERIAL	Paper
SERIAL No.	Illegible	PRIMARY VOLTAGE	13800	/		PHASE No. / CYCLE	3 / 60 Hz
CLASS	Other	SEC VOLTAGE		/	480	TEMP RISE in °C	Illegible
TANK TYPE	Ventilated	kVA			1500	CATALOG No.	Illegible
WNDG INS. SYSTEM	Open-Wound	BIL kV			Illegible	TYPE	Illegible

DETC TAP-POSITION
LINE to LINE VOLTS

AS-FOUND

AS-LEFT

WINDING CONNECTIONS

PRI WND

H3-H1

H1-H2

H2-H3

SEC WND

X0-X1

X0-X2

X0-X3

AMPERAGE

VISUAL & MECHANICAL INSPECTION

DESCRIPTION	INSPECTED	CONDITION	DESCRIPTION	INSPECTED	CONDITION
NAMEPLATE DATA	X	A	OVERALL CLEANLINESS	X	A
MECH. / PHYSICAL CONDITION	X	A	CONTROL & ALARM TEMPS***	N/A	N/A
ANCH. / ALIGNMENT & GROUNDING	X	A	FAN OPERATION & PROTECTION	N/A	N/A
REMOVAL of MOUNTS & BRACING	N/A	N/A	VERIFY AS-LEFT TAP CONNECTIONS	N/A	N/A

ELECTRICAL TESTS

INSULATION RESISTANCE	CONNECTIONS	TEST Vdc	1 MIN (MΩ)		10 MIN (MΩ)		PI	MINIMUM (MΩ)	RATING
			R _M	R _C	R _M	R _C			
TEMP CORRECTED @ 20°C	PRI → SEC	5000	4680	4680				500	A
	PRI → GND	5000	5490	5490	*	*	*	500	A
	SEC → GND	1000	74.3	74	*	*	*	10	A
	CORE → GND***								N/A

TURNS-RATIO	TAP	PRI VOLTS	SEC VOLTS	CALC.	RATIO 1	RATIO 2	RATIO 3	RANGE ±	0.5 %	RATING
			480							
			480							
			480							
		13800	480	49.796	49.664	49.684	49.680	49.547	50.045	A
			480							
			480							
			480							

WINDING RESISTANCE*** TEMP CORRECTED @ #VALUE!	TAP	PRIMARY WINDING (mΩ)						RATING
		H3-H1		H1-H2		H2-H3		
		R _M	R _C	R _M	R _C	R _M	R _C	
TAP	SECONDARY WINDING (μΩ)						RATING	
	X0-X1		X0-X2		X0-X3			
	R _M	R _C	R _M	R _C	R _M	R _C		

COMMENTS	The transformer has been tested and inspected, The insulation resistance is a lower than normal most likely due to the dirt build up on the transformer. All other tests are within manufacturer specifications.
DEFICIENCIES	

LEGEND: A - ACCEPTABLE U - UNACCEPTABLE I - INVESTIGATE N/A - NOT APPLICABLE

*** NETA OPTIONAL TESTS ***