



## TWO WINDING DRY-TYPE TRANSFORMER FORM

**4956**

CUSTOMER	M.E.S	DATE	12/9/25	
ADDRESS	Montrose Colorado	TEMP	70 °F	JOB NUMBER
		RH%	30%	TECHNICIAN(S)
SUBSTATION	Yard	POSITION		EQUIP. ID
INS-RES ASSET-CAL	08/28/2025	WINDING-RES ASSET-CAL	N/A	TTR ASSET-CAL
				702742
				Bradley Holden
				4956
				09/30/2025

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

DETC TAP-POSITION		AS-FOUND	AS-LEFT
LINE to LINE VOLTS		WINDING CONNECTIONS	
		PRI WND	H3-H1 H1-H2 H2-H3
AMPERAGE		SEC WND	X0-X1 X0-X2 X0-X3

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 V <sub>dc</sub>	1 MIN (MΩ)		10 MIN (MΩ)		PI	MINIMUM (MΩ)	RATING
			R <sub>M</sub>	R <sub>C</sub>	R <sub>M</sub>	R <sub>C</sub>			
			TEMP CORRECTED @ 20°C	PRI → SEC	5000	4620			
	PRI → GND	5000	4270	4270			*	500	A
	SEC → GND	1000	57.7	58			*	10	A
	CORE → GND***								N/A

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

WINDING RESISTANCE***	TAP	PRIMARY WINDING (mΩ)						RATING
		H3-H1		H1-H2		H2-H3		
		R <sub>M</sub>	R <sub>C</sub>	R <sub>M</sub>	R <sub>C</sub>	R <sub>M</sub>	R <sub>C</sub>	
TEMP CORRECTED @ #VALUE!								
	TAP	SECONDARY WINDING (μΩ)						RATING
		X0-X1		X0-X2		X0-X3		
		R <sub>M</sub>	R <sub>C</sub>	R <sub>M</sub>	R <sub>C</sub>	R <sub>M</sub>	R <sub>C</sub>	

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 \*\*\*