

**VOLTECH MANUFACTURING COMPANY LIMITED**

**IC M1- TRANSFORMER DIVISION**

**TYPE TEST DETAILS**

S.NO	RATING	TEST	LAB	TRANSFORMER SL.No
<b>11KV/0.433V</b>				
1(i)	63KVA 11KV 433V THREE STAR RATED DISTRIBUTION TRANSFORMER- BESCO M SPEC	SHORT CIRCUIT TEST	CPRI, BANGALORE	VMC/02/2013/02/101
		TEMPERATURE RISE		VMC/02/2013/02/101
		PERMISSIBLE FLUX DENSITY & OVERFLUXING		VMC/02/2013/02/101
		MEASUREMENT OF ZERO SEQUENCE IMPEDANCE		VMC/02/2013/02/101
		AIR PRESSURE TEST		NIL
		IMPULSE TEST		VMC/02/2013/02/101
		MAGNETIC BALANCE		VMC/02/2013/02/101
		MEASUREMENT OF UNBALANCE CURRENT		VMC/02/2013/02/101
1(ii)	63KVA 11KV 433V THREE STAR RATED DISTRIBUTION TRANSFORMER (TNEB)	SHORT CIRCUIT TEST	CPRI, BANGALORE	VMCL/A/1
		TEMPERATURE RISE		VMCL/A/1
		PERMISSIBLE FLUX DENSITY & OVERFLUXING		VMCL/A/1
		MEASUREMENT OF ZERO SEQUENCE IMPEDANCE		Nil
		AIR PRESSURE TEST		VMCL/A/1
		IMPULSE TEST		VMCL/A/1
		MAGNETIC BALANCE		VMCL/A/1
		MEASUREMENT OF UNBALANCE CURRENT		VMCL/A/1
2	100KVA/11KV/433V BEE 3 STAR RATED TNEB SPEC	IMPULSE TEST	CPRI, BANGALORE	VMCL/A/863
		SHORT CIRCUIT TEST		VMCL/A/863
		TEMPERATURE RISE		VMCL/A/863
		PERMISSIBLE FLUX DENSITY & OVERFLUXING		VMCL/A/863
		AIR PRESSURE TEST		NIL
		MEASUREMENT OF UNBALANCE		VMCL/A/863
3	250KVA 11KV 433V EE DISTRIBUTION TRANSFORMER	IMPULSE TEST	CPRI, BANGALORE	VMCL/A/884A
		SHORT CIRCUIT TEST		VMCL/A/884A
		TEMPERATURE RISE		VMCL/A/884A
		MEASUREMENT OF ZERO SEQUENCE IMPEDANCE		VMCL/A/884A
		AIR PRESSURE TEST		NIL
		PERMISSIBLE FLUX DENSITY & OVERFLUXING		VMCL/A/884A
		MAGNETING BALANCE TEST		VMCL/A/884A
		MEASUREMENT OF UNBALANCE		VMCL/A/884A
4	500KVA/11KV/433V EE DISTRIBUTION TRANSFORMER	IMPULSE TEST	CPRI, BANGALORE	VMCL/A/8831
		TEMPERATURE RISE		VMCL/A/8831
		SHORT CIRCUIT TEST		VMCL/A/8831
		PERMISSIBLE FLUX DENSITY & OVERFLUXING		VMCL/A/8831
		MAGNETING BALANCE TEST		VMCL/A/8831
		MEASUREMENT OF UNBALANCE		VMCL/A/8831
		AIR PRESSURE		VMCL/A/8831
		MEASUREMENT OF ZERO SEQUENCE IMPEDANCE		VMCL/A/8831

22KV/0.433V					
5	A	100KVA/22KV/433V EE DISTRIBUTION TRANSFORMER TNEB SPEC	IMPULSE TEST	CPRI, BANGALORE	VMCL/B/1949.
	B		SHORT CIRCUIT TEST		VMCL/B/1949
	C		TEMPERATURE RISE		VMCL/B/1949
			PERISSIBLE FLUX DENSITY & OVERFLUXING		VMCL/B/1949
	D		AIR PRESSURE TEST		nil
	E		MEASUREMENT OF UNBALANCE		VMCL/B/1949
6	A	200KVA/22KV/433V EE DISTRIBUTION TRANSFORMER TNEB SPEC	IMPULSE TEST	CPRI, BANGALORE	VMCL/B/1948.
	B		SHORT CIRCUIT TEST		VMCL/B/1948.
	C		TEMPERATURE RISE		VMCL/B/1948.
			PERISSIBLE FLUX DENSITY & OVERFLUXING		VMCL/B/1948.
	D		AIR PRESSURE TEST		Nil
	E		MEASUREMENT OF UNBALANCE		VMCL/B/1948.
7	A	500KVA 22KV 433V EE DISTRIBUTION TRANSFORMER	IMPULSE TEST	CPRI, BANGALORE	VMCL/B/888
	B		SHORT CIRCUIT TEST		VMCL/B/888
	C		TEMPERATURE RISE		NIL
	D		AIR PRESSURE		
	E		PERISSIBLE FLUX DENSITY & OVERFLUXING		VMCL/B/888
	F		MAGNETING BALANCE TEST		
	G		MEASUREMENT OF UNBALANCE		
	H		MEASUREMENT OF ZERO SEQUENCE IMPEDANCE		VMCL/B/888
8	A	500KVA/22KV/433V DISTRIBUTION TRANSFORMER	IMPULSE TEST	CPRI BANGALORE	VTPL/B/285
33KV/11KV					
9	A	1.6MVA/33KV/11KV DISTRIBUTION TRANSFORMER	IMPULSE TEST	CPRI, BANGALORE	VTPL/P/551
10	A	5MVA/33KV/11KV POWER TRANSFORMER	IMPULSE TEST	CPRI, BHOPAL	VMCL/P/595
	B		SHORT CIRCUIT TEST		VMCL/P/595
	C		TEMPERATURE RISE		VMCL/P/595
11	A	8MVA/33KV/11KV POWER TRANSFORMER	IMPULSE TEST	ANDREW YULE & COMPANY LIMITED	VMCL/P/1989
	B		SHORT CIRCUIT TEST	CPRI, BANGALORE	VMCL/P/1989
12	A	3.15MVA/33KV/11KV POWER TRANSFORMER	IMPULSE TEST	CPRI, BANGALORE	VMCL/P/2308
	B		SHORT CIRCUIT TEST		VMCL/P/2308
13	A	6.3MVA/33KV/11KV POWER TRANSFORMER	IMPULSE TEST	CPRI, BANGALORE	VMCL/P/2292
	B		SHORT CIRCUIT TEST		VMCL/P/2292
14	A	10MVA/33kv/11kv Power transformer	IMPULSE TEST	CPRI, BANGALORE	VMCL/P/2346
	B		SHORT CIRCUIT TEST		VMCL/P/2346
3.3KV/0.415V					
15	A	1.25MVA/3.3kv/415V DISTRIBUTION TRANSFORMER	IMPULSE TEST	ANDREW YULE & COMPANY LIMITED	VMCL/A/2331