

6 Month consumption details of PLNI/TSS					
Month	Energy Consumed and billed(kWh)	Contracted MD (kVA)	Recorded MD (kVA)	Billed MD	Power factor
25-Dec	245600	8000	6870	7200	0.77
26-Jan	331500	8000	5896	7200	0.76
26-Feb	335200	8000	6688	7200	0.78
26-Mar	453000	8000	5744	7200	0.69
26-Apr	487400	8000	5564	7200	0.67
26-May	470800	8000	5532	7200	0.8
<u>Average Energy consumption of PLNI/TSS</u>	387250	<u>Average Recorded MD of PLNI/TSS</u>	6049	<u>Average Power Factor of PLNI/TSS</u>	0.74

6 Month consumption details of GMGM/TSS					
Month	Energy Consumed and billed(kWh)	Contracted MD (kVA)	Recorded MD (kVA)	Billed MD	Aver-age power factor
25-Dec	705120	12000	10160	10800	0.77
26-Jan	635760	12000	10460	10800	0.76
26-Feb	535040	12000	9400	10080	0.75
26-Mar	629080	12000	8500	10800	0.74
26-Apr	640400	12000	8818	10800	0.75
26-May	662730	12000	8436	10800	0.75
<u>Average Energy consumption of GMGM/TSS</u>	634688	<u>Average Recorded MD of GMGM/TSS</u>	9296	<u>Average Power Factor of PLNI/TSS</u>	0.75

6 Month consumption details of RMD/TSS					
Month	Energy Consumed and billed(kWh)	Contracted MD (kVA)	Recorded MD (kVA)	Billed MD	Aver-age power factor
25-Dec	858930	5000	6760	6760	0.8
26-Jan	900920	5000	7670	7670	0.8
26-Feb	814320	5000	7520	7520	0.8
26-Mar	934240	5000	7540	7540	0.8
26-Apr	894906	5000	7029	7029	0.8
26-May	935939	5000	7361	7361	0.8
<u>Average Energy consumption of RMD/TSS</u>	889876	<u>Average Recorded MD of RMD/TSS</u>	7313	<u>Average Power Factor of RMD/TSS</u>	0.80

6 Month consumption details of MNM/TSS					
Month	Energy Consumed and billed(kWh)	Contracted MD (kVA)	Recorded MD (kVA)	Billed MD	Aver-age power factor
25-Dec	675480	5000	6920	6920	0.79
26-Jan	699840	5000	5960	5960	0.8
26-Feb	668391	5000	6356	6356	0.8
26-Mar	672109	5000	5950	5950	0.79
26-Apr	670346	5000	6272	6272	0.8
26-May	753185	7500	6472	6628.84	0.8
<u>Average Energy consumption of MNM/TSS</u>	689892	<u>Average Recorded MD of MNM/TSS</u>	6322	<u>Average Power Factor of MNM/TSS</u>	0.79

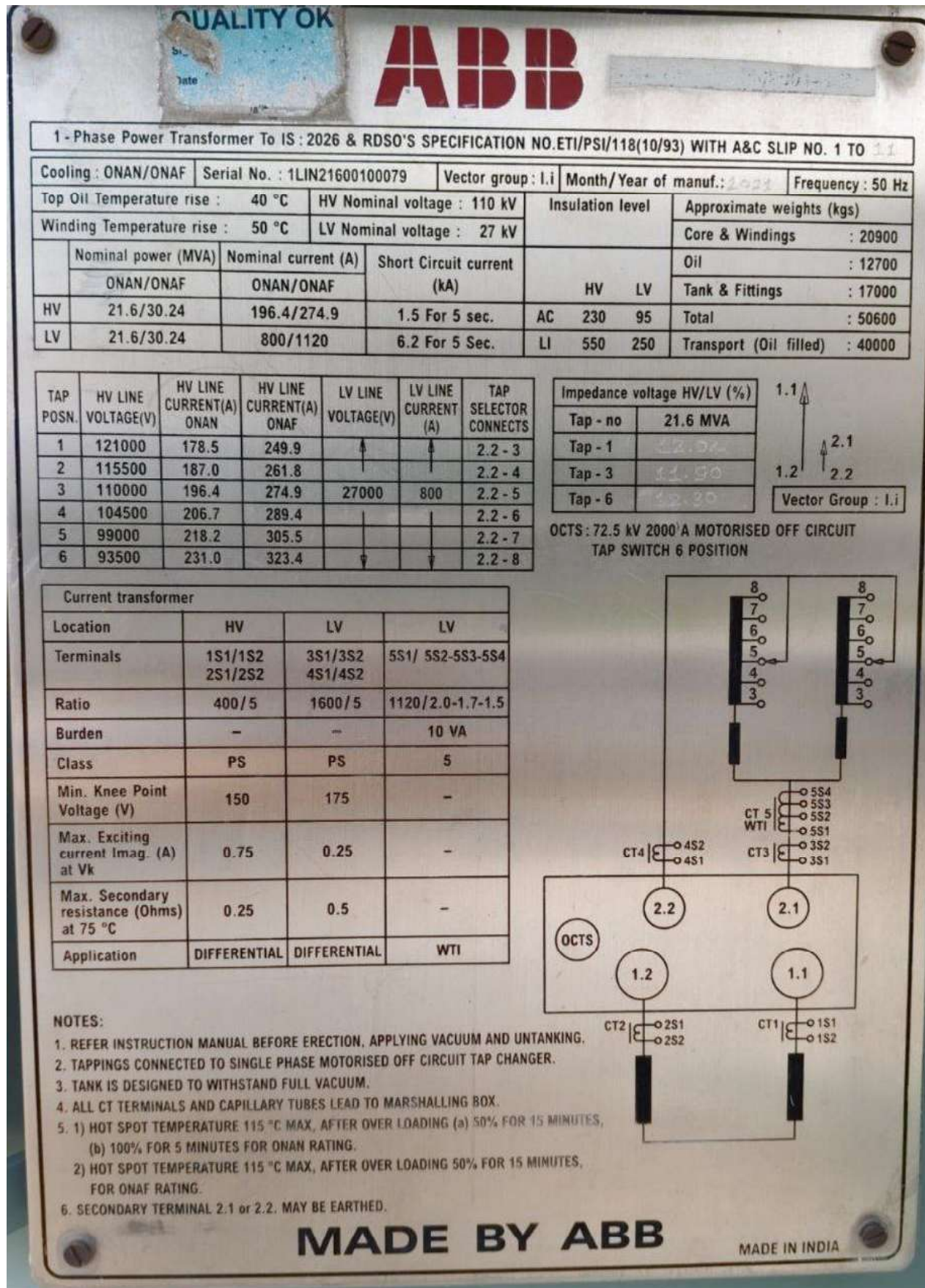
6 Month consumption details of TENI/TSS					
Month	Energy Consumed and billed(kWh)	Contracted MD (kVA)	Recorded MD (kVA)	Billed MD	Aver-age power factor
25-Dec	235910	5000	3771	4500	0.72
26-Jan	251350	5000	4404	4500	0.71
26-Feb	193970	5000	4838	4838	0.73
26-Mar	156580	5000	2936	4500	0.76
26-Apr	209570	5000	5106	5106	0.7
26-May	762380	5000	4550	4550	0.66
<u>Average Energy consumption of MNM/TSS</u>	301627	<u>Average Recorded MD of MNM/TSS</u>	4268	<u>Average Power Factor of MNM/TSS</u>	0.71

Details of Capacitor Bank at PLNI/TSS

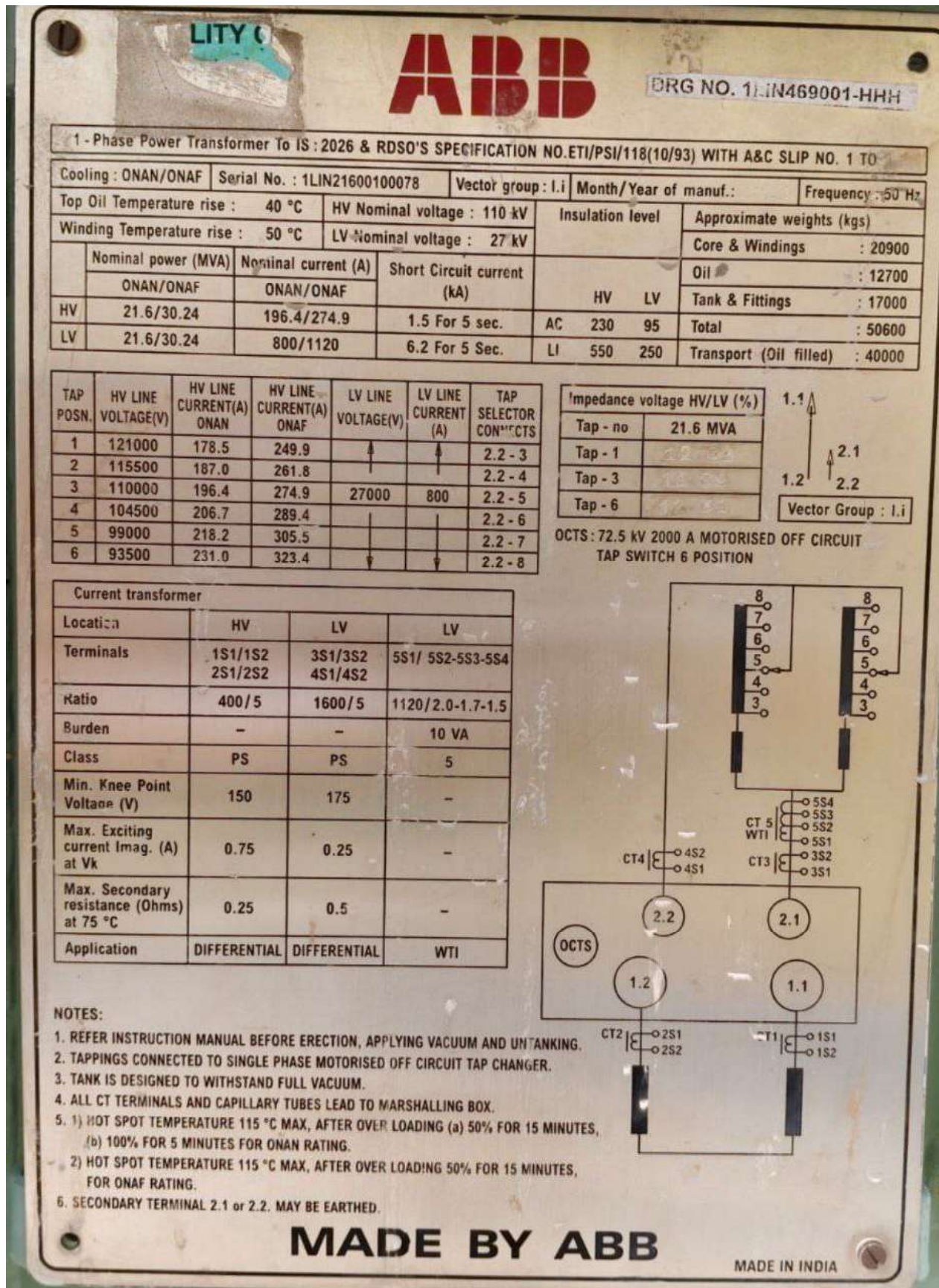
Sl No	Capacitor BankDetails	I _N	Q _N	C _N	F _N	U _N
1.	CAP-153A 15Units 3300KVAR	27.5Amps	220KVAR	10.94μF	50Hz	8kV
2.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
3.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
4.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
5.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
6.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
7.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
8.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
9.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
10.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
11.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
12.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
13.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
14.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
15.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
16.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
17.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
18.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
19.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
20.		27.5Amps	220KVAR	10.94μF	50Hz	8kV

Sl No	Capacitor BankDetails	I _N	Q _N	C _N	F _N	U _N
1.	CAP-153B 10Units 2200KVAR	27.5Amps	220KVAR	10.94μF	50Hz	8kV
2.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
3.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
4.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
5.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
6.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
7.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
8.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
9.		27.5Amps	220KVAR	10.94μF	50Hz	8kV
10.		27.5Amps	220KVAR	10.94μF	50Hz	8kV

Transformer Impedance and Rating-TR-13 at PLNI/TSS



Transformer Impedance and Rating-TR-14 at PLNI/TSS

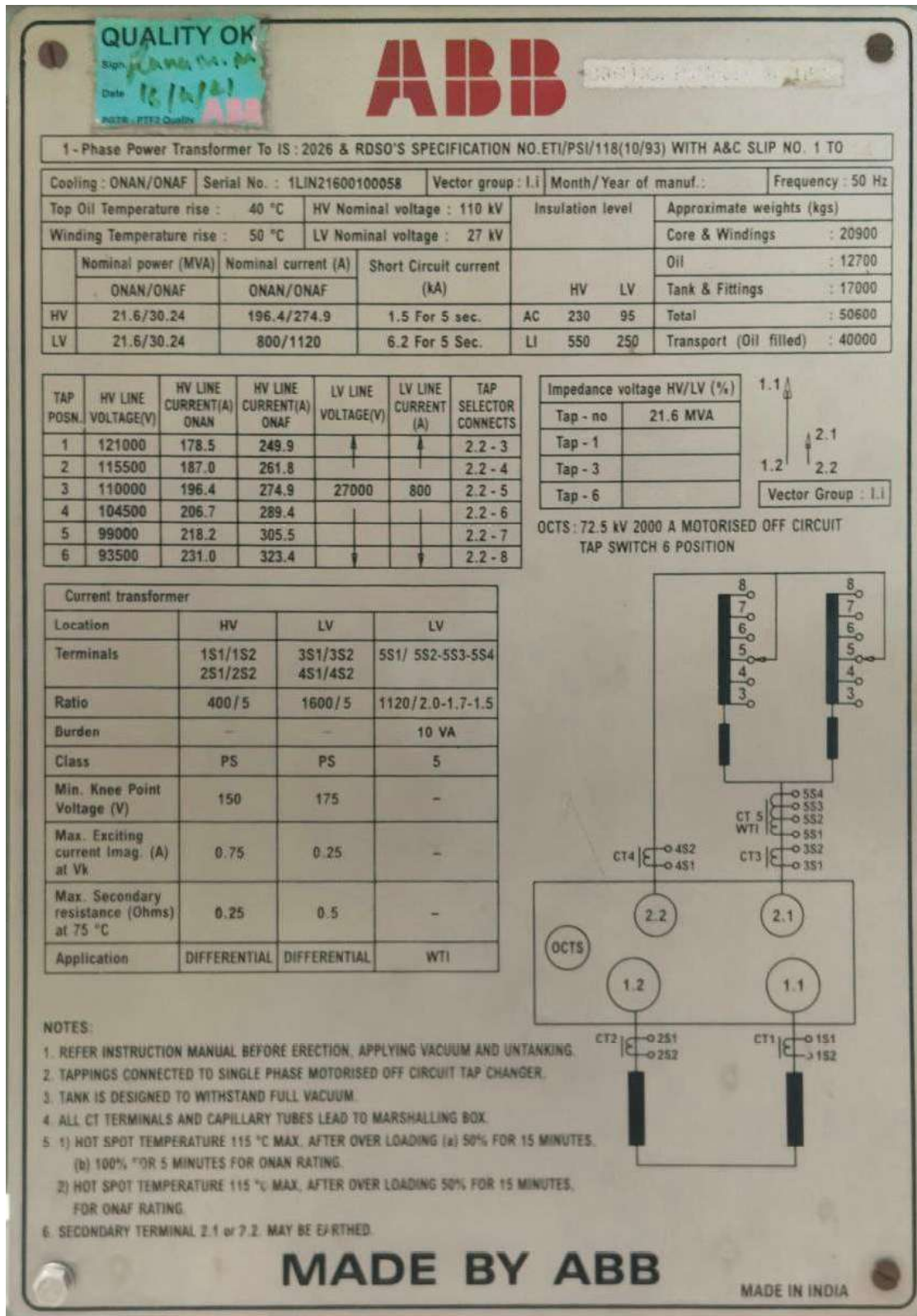


Details of Capacitor Bank at GMGM/TSS

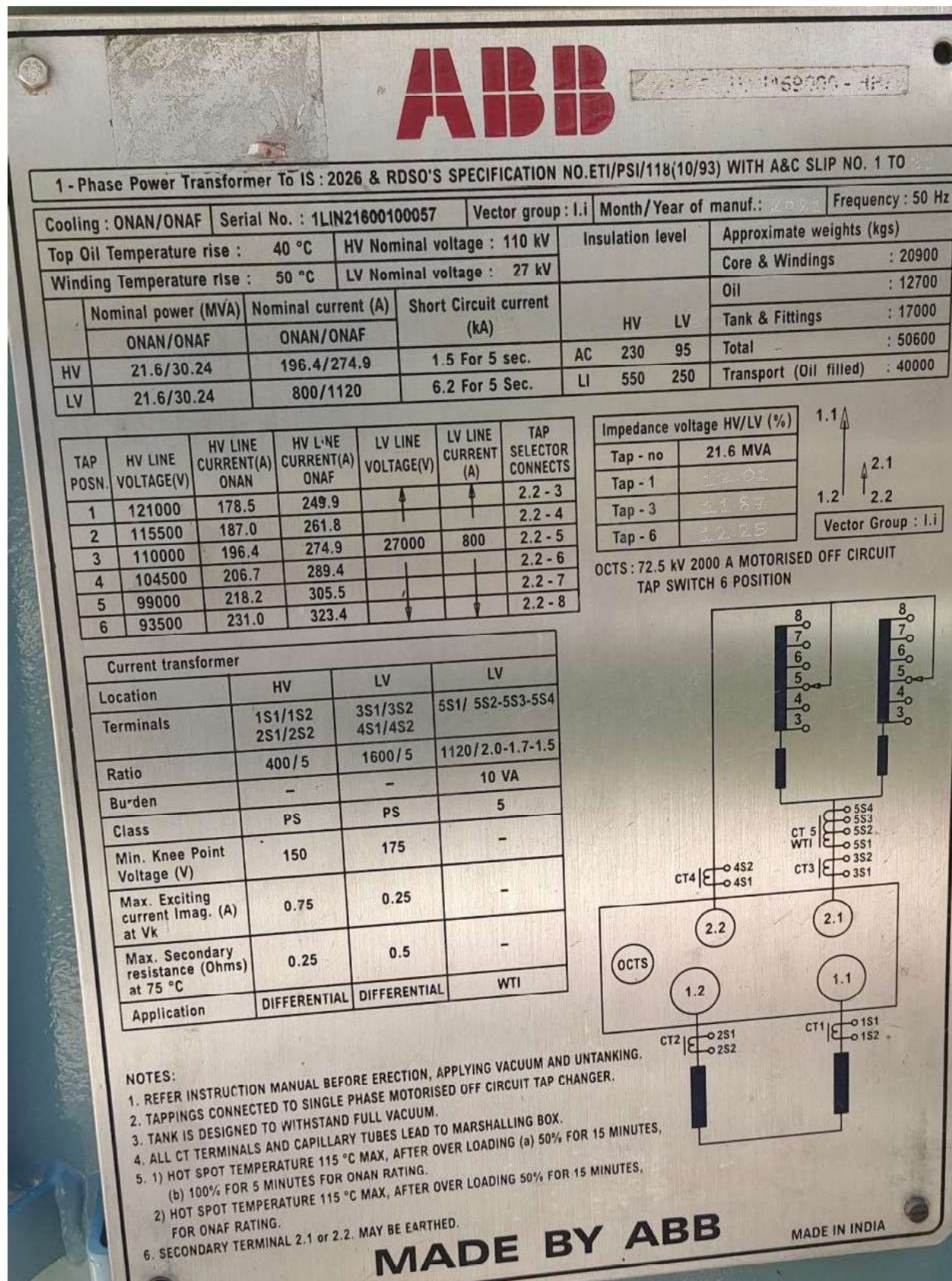
Sl No	Capacitor Bank Details	I_N	Q_N	C_N	F_N	U_N
1.	CAP-159B 15 Units 3300 KVAR	27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
2.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
3.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
4.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
5.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
6.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
7.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
8.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
9.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
10.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
11.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
12.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
13.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
14.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
15.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
16.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
17.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
18.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
19.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
20.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV

Sl No	Capacitor Bank Details	I_N	Q_N	C_N	F_N	U_N
1.	CAP-159A 10 Units 2200 KVAR	27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
2.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
3.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
4.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
5.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
6.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
7.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
8.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
9.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV
10.		27.5 Amps	220KVAR	10.94 μ F	50 Hz	8 kV

Transformer Impedance and Rating- TR-15 at GMGM/TSS



Transformer Impedance and Rating- TR-15 at GMGM/TSS

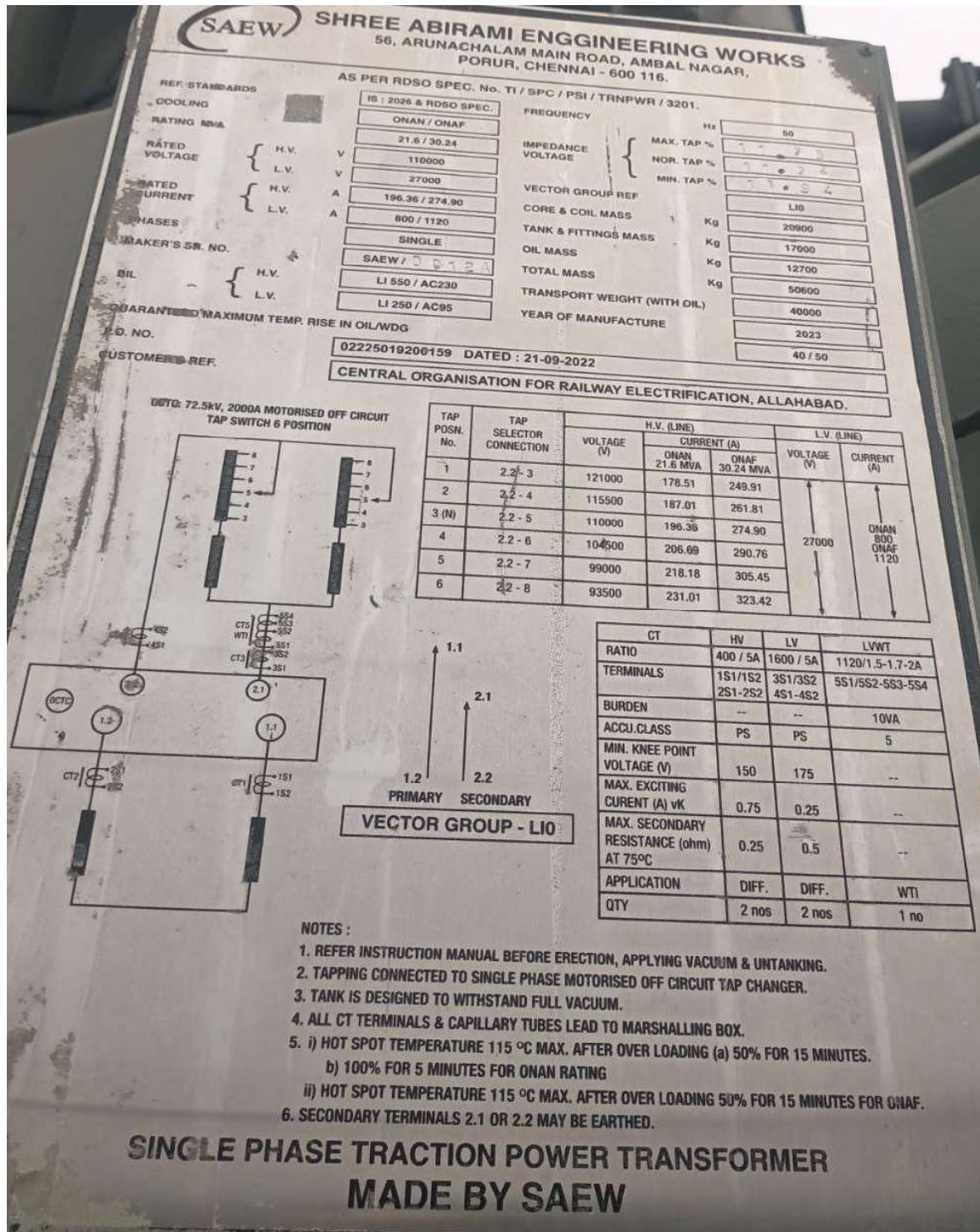



Manamadurai Transformer details:

Details of Capacitor bank in MNM/TSS:

1. Capacitor bank Unit-I - 3300 kVAR of 15 No's capacitors
2. Capacitor bank Unit-I - 2200 kVAR of 10 No's capacitors

MNM/TSS/TR 19:




SHREE ABIRAMI ENGINEERING WORKS
 56, ARUNACHALAM MAIN ROAD, AMBAL NAGAR,
 PORUR, CHENNAI - 600 116.

AS PER RDSO SPEC. No. TI / SPC / PSI / TRNPWR / 3201.

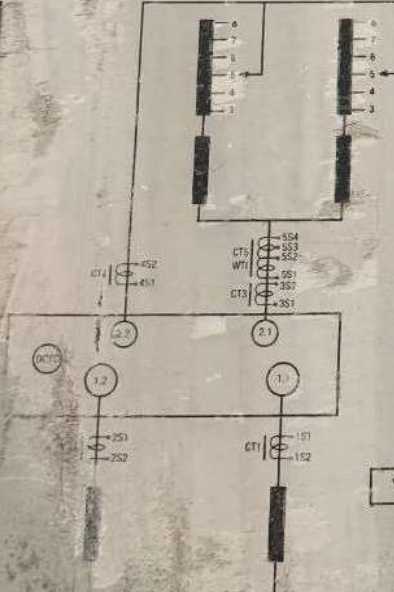
REF. STANDARDS		IS : 2026 & RDSO SPEC.		FREQUENCY		Hz		50	
COOLING		ONAN / ONAF		IMPEDANCE VOLTAGE		MAX. TAP %		112.5	
RATING MVA		21.6 / 30.24				NOR. TAP %		100	
RATED VOLTAGE		<div style="display: flex; align-items: center;"> <div style="font-size: 2em; margin-right: 5px;">{</div> <div style="margin-right: 5px;">H.V.</div> <div>V</div> <div style="margin-left: 10px;">110000</div> </div> <div style="display: flex; align-items: center;"> <div style="font-size: 2em; margin-right: 5px;">{</div> <div style="margin-right: 5px;">L.V.</div> <div>V</div> <div style="margin-left: 10px;">27000</div> </div>				VECTOR GROUP REF		L10	
RATED CURRENT		<div style="display: flex; align-items: center;"> <div style="font-size: 2em; margin-right: 5px;">{</div> <div style="margin-right: 5px;">H.V.</div> <div>A</div> <div style="margin-left: 10px;">196.36 / 274.90</div> </div> <div style="display: flex; align-items: center;"> <div style="font-size: 2em; margin-right: 5px;">{</div> <div style="margin-right: 5px;">L.V.</div> <div>A</div> <div style="margin-left: 10px;">800 / 1120</div> </div>		CORE & COIL MASS		Kg		20900	
PHASES		SINGLE		TANK & FITTINGS MASS		Kg		17000	
MAKER'S SR. NO.		SAEW / 011		OIL MASS		Kg		12700	
BIL		<div style="display: flex; align-items: center;"> <div style="font-size: 2em; margin-right: 5px;">{</div> <div style="margin-right: 5px;">H.V.</div> <div>LI 550 / AC230</div> </div> <div style="display: flex; align-items: center;"> <div style="font-size: 2em; margin-right: 5px;">{</div> <div style="margin-right: 5px;">L.V.</div> <div>LI 250 / AC95</div> </div>		TOTAL MASS		Kg		50600	
				TRANSPORT WEIGHT (WITH OIL)				40000	
				YEAR OF MANUFACTURE				2023	
								40 / 50	

GUARANTEED MAXIMUM TEMP. RISE IN OIL/WDG

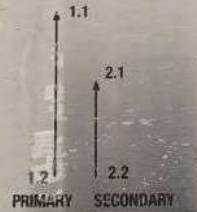
P.O. NO. 02225019200159 DATED : 21-09-2022

CUSTOMER'S REF. CENTRAL ORGANISATION FOR RAILWAY ELECTRIFICATION, ALLAHABAD.

OCTG: 72.5KV, 2000A MOTORISED OFF CIRCUIT TAP SWITCH 6 POSITION



TAP POSN. No.	TAP SELECTOR CONNECTION	H.V. (LINE) VOLTAGE (V)	H.V. (LINE) CURRENT (A)		L.V. (LINE) VOLTAGE (V)	L.V. (LINE) CURRENT (A)
			ONAN 21.6 MVA	ONAF 30.24 MVA		
			1	2.2 - 3		
2	2.2 - 4	115500	187.01	261.81		
3 (N)	2.2 - 5	110000	196.36	274.90		
4	2.2 - 6	104500	206.69	290.76		
5	2.2 - 7	99000	218.18	308.45		
6	2.2 - 8	93500	231.01	323.42		



PRIMARY SECONDARY

VECTOR GROUP - L10

	CT	HV	LV	LVWT
RATIO		400 / 5A	1600 / 5A	1120/1.5-1.7-2A
TERMINALS		1S1/1S2 2S1-2S2	3S1/3S2 4S1-4S2	5S1/5S2-5S3-5S4
BURDEN		--	--	10VA
ACCU. CLASS		PS	PS	5
MIN. KNEE POINT VOLTAGE (V)		150	175	--
MAX. EXCITING CURRENT (A) VK		0.75	0.25	--
MAX. SECONDARY RESISTANCE (ohm) AT 75°C		0.25	0.5	--
APPLICATION		DIFF.	DIFF.	WTI
QTY		2 nos	2 nos	1 no

NOTES :

1. REFER INSTRUCTION MANUAL FOR ERECTION, FILLING VACUUM & UNTANKING.
2. TAPPING CONNECTIONS ARE TO BE MADE AFTER 20% CIRCUIT TAP CHANGER.
3. TANK IS DESIGNED TO WITHSTAND 2000 KG CM.
4. ALL 17 TERMINALS ARE CONNECTED TO BE LOAD TO MAINS SHALLING BOX.
5. 10 MIN. SHUT TIME AFTER 115 °C MAX. AFTER OVER LOADING 115 °C FOR 10 MINUTES.

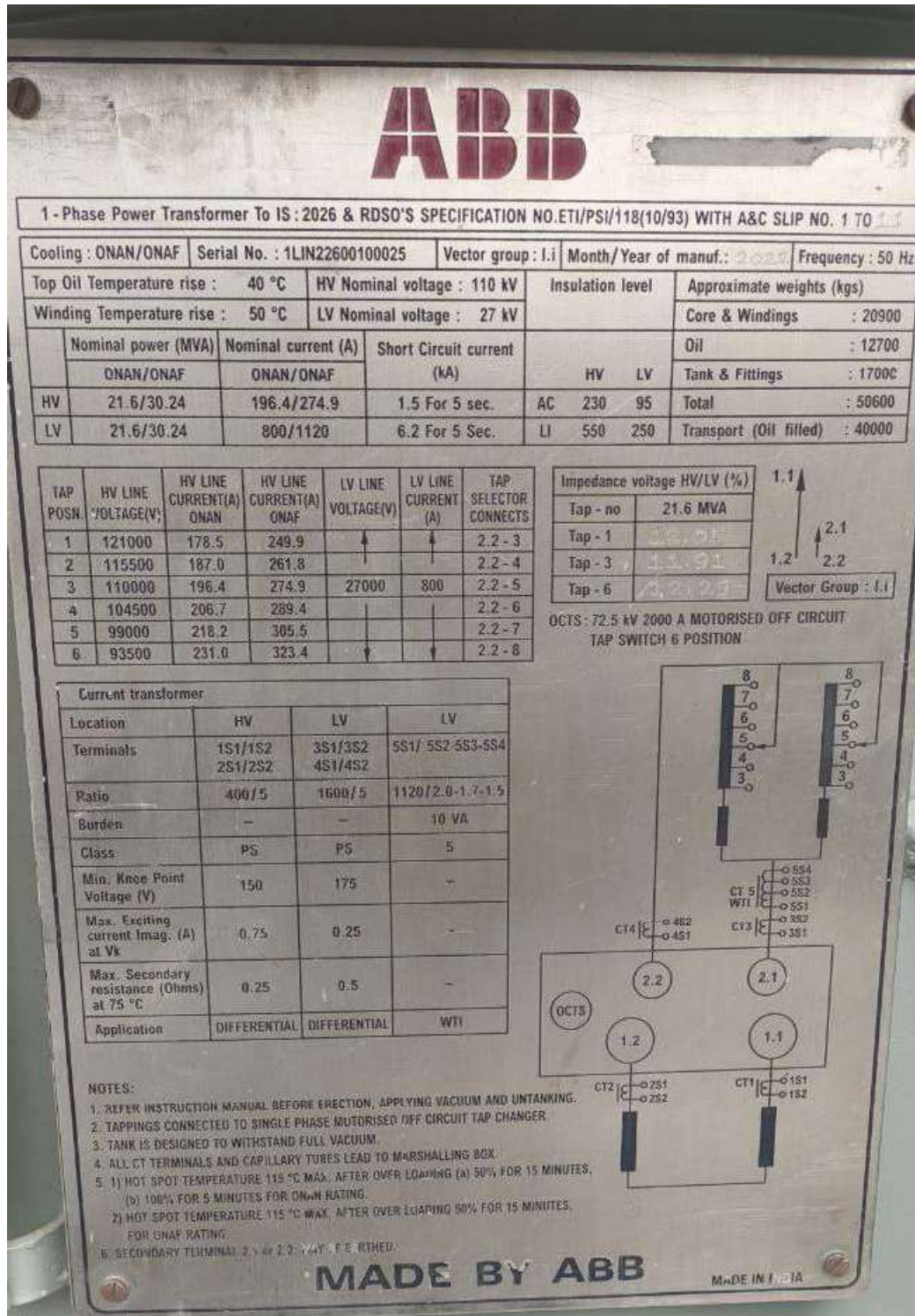
SAEW

Ramanathapuram Transformer details:

Details of Capacitor bank in RMD/TSS:

1. Capacitor bank Unit-I - 3300 kVAR of 15 No's capacitors
2. Capacitor bank Unit-I - 2200 kVAR of 10 No's capacitors

Transformer Details:



Details of capacitor banks in TENI TSS:

S.No	Capacitor No.	I _N	Q _N	C _N	F _N	U _N
1	Unit -1 225B 15 units 3300 KVAR	27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
2		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
3		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
4		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
5		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
6		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
7		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
8		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
9		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
10		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
11		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
12		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
13		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
14		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
15		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV

S.No	Capacitor No.	I _N	Q _N	C _N	F _N	U _N
1	Unit -2 225A 10 Units 2200 KVAR	27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
2		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
3		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
4		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
5		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
6		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
7		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
8		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
9		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV
10		27.5 Amps	220 KVAR	10.95 μ F	50 Hz	8 kV

SHRI SINGH ELECTRICAL WORKS

A. NACHALAM MAIN ROAD, AMBAL NAGAR,
POSRU, CHENNAI - 600 116.

AS PER RDSO SPEC. No. T1 / SPC / PSI / TRMPWR / 3201.

IS : 2025 & RDSO SPEC.		FREQUENCY		Hz	50
ONAN / ONAF		IMPEDANCE VOLTAGE		MAX. TAP %	0.2.2.2
21.6 / 39.24				NOR. TAP %	1.1.1.1
110000				MIN. TAP %	0.2.2.2
27000		VECTOR GROUP REF			LIO
196.36 / 274.90		CORE & COIL MASS		Kg	20900
800 / 1120		TANK & FITTINGS MASS		Kg	17000
SINGLE		OIL MASS		Kg	12700
SAEW / 0.0		TOTAL MASS		Kg	50600
LI 550 / AC230		TRANSPORT WEIGHT (WITH OIL)			40000
LI 250 / AC95		YEAR OF MANUFACTURE			2023
					40 / 50

WARRANTED MAXIMUM TEMP. RISE IN OIL WDG

022-5019280159 DATED : 31-09-2022

CENTRAL ORGANISATION FOR RAILWAY ELECTRIFICATION, ALLAHABAD.

NOTE: 22KV, 200VA MOTORIZED OFF ON ONI TAP SWITCH & POSITION

TAP POSN. NO.	TAP SELECTOR CONNECTION	H.V. (LINE)		L.V. (LINE)	
		VOLTAGE (V)	CURRENT (A)	VOLTAGE (V)	CURRENT (A)
1	2-3	121000	178.51	248.31	
2	3-4	115500	187.01	261.81	
3	4-5	110000	196.36	274.90	
4	5-6	104500	206.69	290.76	
5	6-7	99000	218.18	305.45	
6	7-8	93500	231.01	323.43	

RATIO	HV		LV	
	200 / 5A	1000 / 5A	1120 / 5A	17.5A
TERMINALS	181/152	351/352	551/552	553-554
TERMINALS	251-252	451-452		
TERMINALS			100A	
MIN. KNEE PANEL VOL TAGE (V)	150	175		
MAX. FLOODING CURRENT (A)	0.75	0.25		
MAX. SPEC. RAIL	0.25	0.5		
APPLICATION	Ony	Off	Off	
OFF	0.000	0.000	0.000	

VECTOR GROUP: Y / Δ (3)

NOTE: 1. REFER TO THE RDSO SPECIFICATION FOR THE TAP SWITCH. 2. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 3. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 4. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 5. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 6. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 7. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 8. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 9. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 10. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 11. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 12. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 13. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 14. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 15. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 16. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 17. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 18. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 19. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 20. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 21. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 22. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 23. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 24. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 25. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 26. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 27. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 28. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 29. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 30. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 31. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 32. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 33. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 34. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 35. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 36. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 37. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 38. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 39. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 40. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 41. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 42. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 43. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 44. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 45. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 46. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 47. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 48. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 49. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 50. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 51. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 52. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 53. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 54. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 55. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 56. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 57. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 58. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 59. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 60. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 61. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 62. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 63. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 64. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 65. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 66. THE TAP SWITCH IS A 22KV, 200VA MOTORIZED OFF-ON-ONI TAP SWITCH. 67. THE TAP SWITCH IS A 22KV, 200VA