

PRE-COMMISSIONING TEST REPORT OF TRANSFORMER

Name of Customer					
Transformer Serial No.		Date of Testing			
Transformer Rating	KVA		Voltage Ratio	11000	/ 433

1	No oil leakage at joints	YES	/	NO
2	Trapped air inside the transformer released using air plugs on radiators & buchholz relay	YES	/	NO
3	Arching horns gap set	YES	/	NO
4	All transformer oil pockets are filled with transformer oil	YES	/	NO
5	Radiator valves are in open position	YES	/	NO
6	Valves on the outgoing pipes of the conservator tank are in open position	YES	/	NO
7	Arrow on the Buchholz relay are pointing towards the conservator tank	YES	/	NO
8	Oil level in the conservator tank is upto normal mark	YES	/	NO
9	Color of Silicagel in Breather is Dark Blue and the oil cup of the breather filled with oil	YES	/	NO
10	Buchholz relay is set in service position and locked	YES	/	NO
11	Transformer body, LV cable box, HV cable box, marshalling box are earthed properly	YES	/	NO
12	Oil and winding temperature alarm & trip are set to operate at the following temperatures			
a)	Oil Temperature alarm - 81°C	YES	/	NO
b)	Oil Temperature trip - 89°C	YES	/	NO
c)	Winding Temperature alarm - 92°C	YES	/	NO
d)	Winding Temperature trip - 99°C	YES	/	NO
13	Insulation Value of the transformer winding (ohms)			
	Between HV~E	Between LV~E	Between HV~LV	
14	The following annunciation circuits were checked and found working by simulation			
a)	Buchholz relay	YES	/	NO
b)	Oil Temperature Alarm	YES	/	NO
c)	Winding Temperature Alarm	YES	/	NO
d)	Transformer Oil Low Level Alarm	YES	/	NO
15	The following trip circuits were checked and found working by simulation			
a)	Buchholz relay	YES	/	NO
b)	Oil Temperature Alarm	YES	/	NO
c)	Winding Temperature Alarm	YES	/	NO
d)	Transformer Oil Low Level Alarm	YES	/	NO

16	Transformer Ratio Test							
	Between	1U ~ 1V		1V ~ 1W		1W ~ 1U		
	I/P Volts							
	Phase	1	2	3	4	5	6	7
	2U ~ 2N							
	2V ~ 2N							
	2W ~ 2N							
17	Magnetic Balance Test conducted and found WITHIN / BEYOND limits							
		1U~1V	1V ~ 1W	1W ~ 1U	2U ~ 2N	2V ~ 2N	2W ~ 2N	
	1							
	2							
	3							
18	TRANSFORMER CLEARED / NOT CLEARED FOR CHARGING							
19	Transformer charged on dated.....at.....hrs, and was kept on No-load for.....							
20	Transformer put on load on dated.....at.....hrs.							

	CLIENT ENGINEER	<i>for FAIRDEAL ELECTRICALS & ENGG P LTD</i>
Signature		
Name of Person Signing		
Designation		
Date		