

**KHURUTHANG VOCATIONAL TRAINING INSTITUTE**  
**ELECTRICAL ITEMS**

Sl.No	Particulars	Specifications	Brand	Unit	Rate
1	Air breaker contactor	AUX.cont.1 No + 1 NC,Ie+16A, 9.5kw 145 v, 3 ph 50cC/S,	SIEMENS	No	
2	Air breaker contactor with over load relay	LBO/K915,In=10A,4No + 1 NC,Current setting 0.35,0.25,0.5A	SIEMENS	No	
3	Auxillary Contactor	37 A 67 10-OA/LBO,4 NO + ! NC,1 th 2+25A	SIEMENS	No	
4	Back - up fuse	0-0A,1 No + 1 NC + 3 mains,Ac3+16A, 415V	SIEMENS	No	
5	Batten angle holder	5A/250V,Delux	Anchor	Pc.	
6	Batten holder	5A/250V	Anchor /dyna	Pc.	
7	Battery	1.5V, medium	Dura Cell	Pc.	
8	Battery	9v,Flat	Dura Cell	Pc.	
9	Bed switch	6A, 230V	Anchor/delux	Pc.	
10	Bulb	60W	Philips	Pc.	
11	Bulb	100w	Philips	Pc.	
12	Bulb	200W	Philips	Pc.	
13	Bulb(Dim Light)	15w,230v	Philips	Pc.	
14	Buzzer	5A/230V	Bajaj	Pc.	
15	Capacitor	40 - 60mfd 10 - 70degC	Universal	Pc.	
16	Ceiling fan	1200mm sweep	Orient/Bajaj/Usha	No.	
17	Ceiling fan	600mm sweep	Orient/Bajaj/Usha	No	
18	Ceiling rose	5A/250V,2plate	Anchor jumbo	Pc.	
19	Choke for tube	40Watt/230v	Philips	Pc.	
20	Contactora	415V, Ac 80 K.A,16A		No	

21	Contactora with 240V, 10A	2NO/2NC, 4 Main	Seimens	Pc.	
22	Conversion plug	2pin 5A	flat to round	Pc.	
23	Copper plate	60cm x 60cm x 3.15mm	Best Quality	Pc.	
24	Copper strip	25mm x 1.6mm x 10'	Best Quality	Pc.	
25	Cotton tape	20mmx50m	Cotton	Roll	
26	De-Soldering wire	Standard size		m	
27	Disc Type H.R.C. fuse	2A,LBO/K138x-210,S-5 Kw, 415V	SIEMENS	No	
28	DOL Starter,Type MF1, 500 V AC.	Back up fuse max. 6 A. Current setting 0 - 0.6 - 0.8 - 1	Larsen & Toubro ltd.	No	
29	Dol Startor	0.6 - 1 A/ Back up fuse Max. 6 A - 500V	Larsen & toubro ltd.	Pc.	
30	Electric iron	1000W,Non auto.	Philip	Pc.	
31	Electronic fan regulator	250w/250v	Philips	Pc.	
32	Enamelled Copper wire	10,11,12,13,14,15,16,17,18 SWG	Maruti	Kg	
33	Enamelled Copper wire	19,20,21,22,23,24,25,26,27 SWG	Maruti	Kg	
34	Enamelled Copper wire	28,29,30,31,32,33,34,35, SWG	Maruti	Kg	
35	Enamelled Copper wire	36,37,38,39,40,41,42,43,44 SWG	Maruti	Kg	
36	Energy Saving bulb	24Watt	Philips	Pc.	
37	Flexible (copper wire)	40/23SWGx90m	KDK	Roll	
38	Flexible copper cable	3core x1,5mmx90m	KDK/RC	Roll	
39	Flexible copper cable	3 core x 2.5mm x90m	Heavy duty	Roll	
40	H.R.C. Fuse	8Amps		No	
41	H.R.C.fuse	24 Amps,60 amps,Pri.com - 380v, 400v, 420, 500v	SIEMENS	No	
42	Halogen Heater	400/800/1200 W	HUDSON	Pc.	

43	Heater Coils	1500 W	Anchor	Pc.	
44	HRC Fuse	2 Amps		No	
45	HRC fuse /Disc type	63Amps	Siemens	Pc.	
46	Indicator lamp	24vDc	Siemens	Pc.	
47	Indicator lamp holder,	suitable for 24V DC	Siemens,3 col.	No.	
48	Indicator lamp,Siemens	3V,6V,9V,12V, 24V	3 colour	Pc.	
49	Indicator light	LBO/K217X520V A.C.	SIEMENS	No	
50	Insulation Paper	Class B / 1m2	Vertex	Roll	
51	Insulation Sleeve	1.5mm dia x 90m	Best Quality	Roll	
52	Insulation Sleeve	2mm dia x 90m	Best Quality	Roll	
53	Insulation Sleeve	3mm dia x 90m	Best Quality	Roll	
54	Insulation Sleeve	4mm dia x 90m	Best Quality	Roll	
55	Insulation Sleeve	5mm dia x 90m	Best Quality	Roll	
56	Insulation Sleeve	6mm dia x 90m	Best Quality	Roll	
57	Insulation tape	Black, red, green	Steel grip	Roll	
58	Insulation tape	20mm x 10M	Steel grip	Roll	
59	Lithium battery	3 - 3.5V	Sanyo	Pc.	
60	M.S Conduit pipe	1" X1.5mmx10'	Heavy	Rft	
61	M.S. Junction box (1way)	(1" x 1.5mm)	Heavy	Pc.	
62	M.S. Junction box (2way)	(1" x 1.5mm)	Heavy	Pc.	
63	M.S. Junction box (3way)	(1" x 1.5mm)	Heavy	Pc.	
64	M.S. Junction box (4way)	(1" x 1.5mm)	Heavy	Pc.	
65	M.S.angle bend (90deg.)	1"x 1.5mm	Heavy	Pc.	
66	M.S.corner bend(90deg.)	1"x1.5mm	Heavy	Pc.	
67	MCB 4pole	63A	Lexic Legrand	Pc.	

68	MCB 4pole	32A	Lexic Legrand	Pc.	
69	MCB Double pole	32A	Lexic Legrand	Pc.	
70	MCB S/Pole	6A, 230/415	Havells(L)	Pc.	
71	MCB S/pole	16 A,230V	Havells(L)	Pc.	
72	MCB, 3 pole with Neutral	32A	Lexic Legrand	Pc.	
73	MCB.DB. Metal types	4way	Havell's	Pc.	
74	MCB.DB. Metal types	6way	Havell's	Pc.	
75	MCB.DB. Metal types	8Way	Havell's	Pc.	
76	MCB.DB. Metal types	12way	Havell's	Pc.	
77	MCCBs,DPX-E-125, 3 pole	Icu = 25kA,63A,	MDS Legrand	Pc.	
78	Mercury Vapour Lamp	125w/250v,3pin type		Pc.	
79	Mercury Vapour Lamp	125w/250v,screw typ		Pc.	
80	Mercury Vapour lamp set	125w/250v	Philips	Set	
81	Mercury Vapour lamp set	250w/250v	Philips	Set	
82	MS.Tee joint	(1" 1.5mm) thick	Heavy	Pc.	
83	Multi plug Top	15A/6pin flat pin	Anchor	Pc.	
84	Multi strand Copper wire	2mmsq.x90m	Saluja,Flexible	Roll	
85	ON-OFF switch,3 Phase	NASB-25A,520V,25/40A	SIEMENS	No	
86	Over Load Relay	3 UA 12/LBO . 500V,Setting range- 0.25 - 0.5 A,Maximum fuse rating - 4A		No	
87	Over Load Relay	Maximum Fuse rating-25 A,Set range -4 -8,Aux. Circuit- 4A	SHAKUNTAL A,Electrical Enterprises,Ba nglore 560054	No	

88	Pencil battery	AA 1.5V	Dura Cell	pr	
89	Pendent holder	5A/250V	Anchor	Pc.	
90	Plug top unbreakable	3pin 5A	Anchor	Pc.	
91	Plug top unbreakable	3pin,15A	Anchor	Pc.	
92	Plug top with indicator	3pin 15A	Anchor	Pc.	
93	Power strips	(1 x 4) 15A	universal	Pc.	
94	Power Transformer	Cycle-50Hz,Pry.-415,Sec- - 5-2, 30.36,Sec- *- 1,5/220+5%,500V Ac	SIEMENS	No	
95	Power Transformer	Primary 380, 400, 420, 500 V Secodary 220, 230, 24V	Indian	No.	
96	Power transformer,200v	Sec.com- 220,230v,Sec.com- 24v,230Volts	SIEMENS	No	
97	Push botton switch	10A	SIEMENS	No	
98	Push botton switch,Red simens	LBO/K217X500V A.C.,10A	SIEMENS	No	
99	Push Buttom	250 V		No.	
100	PVC box for MCB.TPN	1.5mm thick	Barilia	No.	
101	PVC Box for 16A switch socket Combined	1.5mm thick	Barilia	No.	
102	PVC Box for 6A switch socket Combined	1.5mm thick	Barilia	No.	
103	Pvc casing Conner bend	1"x1.5mm,Extr.	Best Quality	Pc.	
104	Pvc casing Conner bend	1"x1.5mm,Internal.	Best Quality	Pc.	
105	Pvc casing cross Corner	1"x1.5mm	Best Quality	Pc.	
106	Pvc conduit pipe coupler	1" x1.5mm	Barilia	Pc.	
107	PVC Copper wire	1.5mmsq.x90m(green)	Royal cable	Roll	
108	PVC Copper wire	3/20 SWG	Royal cable	Roll	

109	PVC Copper wire	3/22 SWG	Royal cable	Roll	
110	PVC Copper wire	7/20 SWG	Royal cable	Roll	
111	PVC Copper wire	7/22SWG	Royal cable	Roll	
112	PVC Copper wire	1mmsq.x 90m (green)	Havell's /Finolex	Roll	
113	PVC Switch Box 4way	1.5mm thick	Barilia	Pc.	
114	PVC Switch Box 5way	1.5mm thick	Barilia	Pc.	
115	PVC Switch Box 6way	1.5mm thick	Barilia	Pc.	
116	PVC. C.C. junction box	80mm Dia.Round	Best Quality	Pc.	
117	PVC. C.C. junction box	4way,3/4"x1.5mm	Best Quality	Pc.	
118	Pvc. C.Casing Coupler	3/4"x1.5mm	Best Quality	Pc.	
119	Pvc. casing & capping bit	3/4"x1.5mm x 6ft	Best Quality	Pc.	
120	Pvc. Conduit elbow	1" x 1.5mm	Barilia	Pc.	
121	Pvc. conduit Juction box	1" x 1.5mm,2way	Barilia	Pc.	
122	Pvc. conduit Juction box	1" x 1.5mm,4way	Barilia	Pc.	
123	Pvc. conduit Juction box	1" x 1.5mm,1way	Barilia	Pc.	
124	Pvc. conduit Juction box	1" x 1.5mm,3way	Barilia	Pc.	
125	Pvc. conduit pipe	1"x1.5mmx10ft	Barilia	Rft	
126	Pvc. Conduit Tee Joint	1" x 1.5mm	Barilia	Pc.	
127	Pvc. Saddle with base	1" x 1.5mm	Barilia	Pc.	
128	PVC.C.C. junction box set	4"x4"X1.5mm, Square	Best Quality	Pc.	
129	RCCB 4pole,40A	sensitivity 100mA	MDS. Legrand	Pc.	
130	RCCB 4pole,63A	sensitivity 100mA	MDS. Legrand	Pc.	
131	Casing caping wiring nail	100 nails/pkt	Best Quality	Pkt	

132	Reversing switch	L.T. control. 5 Amps, 3 Phase, 440V, 50 cyls,CAT-ER5, Type MKT,Type-MF, 415 V, Cyls 50 Hz, 35 A	Thakoor electrical Pvt.Ltd.LARS ON & TOURBRO Ltd	No	
133	Rotary Switch	40 amps - 2 phase ON/OFF	VKS India	No	
134	Saddle	1"x1.5mm	Steel	gross	
135	Safety hand gloves	1000V	Best Quality	Pr	
136	Self-spraying Aerosol	CRC 2-26	Bharat Bijlee Ltd	bottle	
137	Socket outlet only	5A/2pin	Anchor	Pc.	
138	Socket outlet only	15A/3pin	Anchor	Pc.	
139	Socket switch combined	5A (F/T) 5 pin	Anchor	Pc.	
140	Socket switch combined	15A (F/T) 6pin	Anchor	Pc.	
141	Switch socket combined with box.	5A (F/T) 5 pin	Anchor	Pc.	
142	Switch socket combined with box.	15A (F/T) 6 pin	Anchor	Pc.	
143	Sodium vapour lamp set	250W/250V	Philips	Set	
144	Starter contactor	220V,50c/s,LBO / K915 III 5 - 1YD,	SIEMENS	No	
145	Starter for tube light	40w/230v	Philips	Pc.	
146	Starter holder	5A/251	Anchor	Pc.	
147	Switch (2way)5A (F/T)	Mini Finger touch	Anchor	Pc.	
148	Switch (1way)	5A,Mini Finger touch	Anchor	Pc.	
149	Switch with indicator	16A/230V	Anchor	Pc.	
150	Tube Frame Double	2 x 40w 4 feet	Anchor	Pc.	
151	Tube Frame Single	40w 4 feet	Philips	Pc.	
152	Tube Frame Single	20w 2ft	Philips	Pc.	

153	Tube rod	4' 40w	Philips	Pc.	
154	Tube rod	2' 20w	Philips	Pc.	
155	Tube rod holder	5A/240VC	Philips	Pc.	

### Electronic components

SlNo.	Particulars	Specification	Brand	Unit	Rate
1	Connecting probe,for PLC	50-100cm., Flexible, Cu.	Cosco	Pc	
2	De-soldering wire	2.5mm x 1.5m roll	bestquality	Roll	
3	De-soldering pump	TIP SRT-12	Deluxe	Pc	
4	Diode	IN4007 1A	Philips	Pc	
5	Electrolite Capacitor	100mfd/15V	Philips	Pc	
6	Electrolite Capacitor	0.1mfd/15V	Philips	Pc	
7	Electrolite Capacitor	470mfd	Philips	Pc	
8	Electrolite Capacitor	1000mfd/25V	Philips	Pc	
9	Field Effect Transistor (FET)	2N3819	Philips	Pc	
10	Fuseble resistor	Assorted value	Philips	Pc	
11	Intrigrated Circuit (IC)	UA741	Philips	Pc	
12	Intrigrated Circuit (IC)	NE 555	Philips	Pc	
13	Indicator lamp	0-15V	Philips	Pc	
14	Indicator lamp	0-230V	Philips	Pc	
15	Insualted terminals, rating 10A	Dia.4mm , (overall dia.14mm)	Good quality	Pc	
16	Jumper wires, 0.5mm dia.	Tin Copper alloy with PVC insulation,	Red,Black,Blue,Green colour	Roll	
17	Light Dependent Resistor (LDR)	1k.ohms.	Philips	Pc	
18	Light Emiting Diode ( LED)	Red,yellow, blue, green	Philips	Pc	

19	Loud Speaker	8Ω,electronic expt.	sony	Pc	
20	Printed Board Circuit (PBC)	With one IC groove.	Philips	Pc	
21	Potantio meter (Variable resistor)	10k.ohms.	Philips	Pc	
22	Potantio meter (Variable resistor)	4.7k.ohms.	Philips	Pc	
23	Potantio meter (Variable resistor)	1kohm	Philips	Pc	
24	Positive Temperature Coefficent Resistor(PTC)	100ohms.	Philips	Pc	
25	Ready made assembled test leads with 4mm in - line - stackable plug	Rating 2.6A	Good quality	Pc	
26	Relay	5/6V,9V,12V,24V	Philips	Pc	
27	Light Dependent Resistor (LDR)	ORP 60	Philips	Pc	
28	Voltage Dependent Resistor (VDR)	12V	Philips	Pc	
29	Rotating type Potentio meter	10kohms 5W	Philips	Pc	
30	Round insulated sockets ( suitable for 13mm pannel thickness)	Dia = 4mm, rating 10A(overall dia = 8.1mm)	Good quality	Pc	
31	Soldering iron	500W/250V	Soldron	Pc	
32	Silicon Control Rectifier	15v	Philips	Pc	
33	Thyristor	200V/1A	Philips	Pc	
34	Thyristor	400V/2A	Philips	Pc	
35	Timer IC	555CN	Philips	Pc	
36	Transformer	1600:525	Philips	Pc	
37	Transformer	240V/6	Philips	Pc	
38	Transformer	240/9V	Philips	Pc	

39	Transformer	240/12V	Philips	Pc	
40	Transistor	2N5551	Philips	Pc	
41	Transistor	BC147	Philips	Pc	
42	Transistor	BC148	Philips	Pc	
43	Transistor	BC558	Philips	Pc	
44	Transistor	2N4123	Philips	Pc	
45	Transistor	2 N 5401	Philips	Pc	
46	Triac	200V/1A	Philips	Pc	
47	Variable Resisttor	100k	Philips	Pc	
48	Voltage Dependent Resistor (VDR)	102K 4KV	Philips	Pc	
49	Vero board	Fine line	Philips	Pc	
50	Transistor	BC141 - 10RIZ9004		No	