



TESTING EQUIPMENTS





TESTING EQUIPMENT LIST

DC POWER SOURCE

No.	Equipment Name	Make	Model
1	DC Power Source (0- 230V, 20A)	Ananthajothi, India	SMP35S
2	DC Power Source (0-230V, 30A)	AnanthaJothi, India	0-230V 30A
3	DC Power Source (0- 230V,50A)	AnanthaJothi, India	0-230V 50A
4	DC Power Source 125V-27A	ISA/GECC/3000	125V -27A
5	AC&DC Power Supply Unit	Megger us	BE10
6	DC Power Source 50V ,3A	Rigol	DP712

VARIABLE TRANSFORMERS

No.	Equipment Name	Make	Model
1	1 \emptyset Variable AC Transformer	Victor Transformer, UAE	1-2 KV
2	1 \emptyset AC Transformer	Victor Transformer, UAE	5KVA
3	1 \emptyset Variable AC Transformer (0-270V,50A)	Victor Transformer, UAE	50A
4	1 \emptyset Variable AC Transformer	Victor Transformer, UAE	0-1250V /5.2A
5	3 \emptyset Variable AC Transformer	Victor Transformer, UAE	3.2KVA / 4A
6	3 \emptyset Variable AC Transformer	Victor Transformer, UAE	0-470V / 28A
7	3 \emptyset Variable AC Transformer	Victor Transformer, UAE	0-470V / 50A
8	Isolation Transformer	Automatic Ele	3 PH.DW.
9	Variable Auto Transformer	Automatic Ele	100D -3TM15
10	1 \emptyset Variable AC Transformer	Victor Transformer, UAE	VAR 1PH/20A
11	1 \emptyset Variable AC Transformer	Victor Transformer, UAE	VAR1PH/28A

INSULATION RESISTANCE TESTER

No.	Equipment Name	Make	Model
1	5 KV Digital Megger	Megger, U.S.	MIT515
2	10 KV Digital Megger	Megger, U.S.	MIT – 1025 / 2
3	5 KV Digital Megger	Megger, U.S.	MIT 525/2
4	1 KV Digital Megger	Hioki, Japan	3453
5	1 KV Digital Megger	Megger, U.S.	MIT – 410
6	1 KV Digital Megger	Megger, U.S.	MIT – 420
7	1 KV Digital Megger	Megger, U.S.	MIT – 430

SOLAR TEST EQUIPMENT

No.	Equipment Name	Make	Model
1	Solar PV Test with IV Cure Tracing Test Equipment	Seaward	PV200

EARTH TESTERS

No.	Equipment Name	Make	Model
1	Digital Earth Tester	Megger us	DCT4TCR2
2	Digital Earth clamp	Megger us	DET24C

PD TEST EQUIPMENT

No.	Equipment Name	Make	Model
1	Dielectric Fault Analyzer	Doble	DFA300
2	Online Partial Discharge	Techimp	PD Base II



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CLAMP METRES

No.	Equipment Name	Make	Model
1	Digital Clamp Meter 600A , AC	Kyoristu ,JAPAN	KEW SNAP2017
2	Digital Clamp Meter 2000A ,AC/DC	Megger, U.S.	DCM- 204R
3	Digital Clamp Meter 2000A ,AC/DC	Sanwa, Japan	DCM2000AD
4	Digital Clamp Meter 1000A ,AC/DC	Fluke, U.S.	337
5	Digital Clamp Meter	Hioki, Japan	3285 -20
6	Digital Earth Leakage Mini Clamp Meter	Megger U.S	DCM300 E
7	Digital Earth Leakage Mini Clamp Meter	Hioki, Japan	3293 -50
8	Mini Clamp Meter	Chauvin Arnoux, France	P0110510Z
9	Mini Clamp Meter	Fluke, U.S.	Fluke 360

TRANSFORMER TESTING EQUIPMENTS

No.	Equipment Name	Make	Model
1	Transformer Winding Resistance Kit	Megger	MTO330
2	Transformer Winding Resistance Kit	Megger	MTO210
3	Transformer Winding Resistance Kit	NDB Technologie Canada	WRT - 10
4	Transformer Winding Resistance Kit	Vanguard Instruments	TRM -203
5	Transformer Oil Test Kit / Break Down Voltage	Megger, U.S	OTS 100AF/3
6	Bath Compact 300C (Temperature Calibrator)	Hart Scientific, Fluke, U.S.	6330
7	Sweep Frequency Response Analyzer (SFRA)	Doble Engg. .U.S	M5400
8	Sweep Frequency Response Analyzer (SFRA)	Megger U S	FRAX150
9	Transformer Turns Ratio Meter	Megger U S	TTR330 -47
10	Transformer Turns Ratio Meter	Megger U S	TTR310
11	Vacuum Bottle Tester	Megger U S	VIDAR
13	Rapid Pressure Rise Relay test kit	Qualitrol	
14	Dielectric Response Analyzer	Omicron, Austria	DIRANA

TRANSFORMER OIL FILTRATION EQUIPMENTS

No.	Equipment Name	Make	Model
1	Oil Filtration Machine 6000L	Arras Maxei, France	6000 L
2	Oil Filtration Machine 2500L	Sumesh Petroleum	SP/DHV
3	Oil Filtration Machine 1000L	Sumesh Petroleum	SP/SHV
4	Vacuum Machine 100 m ³ /h	Sai Guru / India	1100 m ³ /h
5	Vacuum Machine	Sumesh petroleum	1800 m ³ /h
6	Vacuum Machine	Globecore ,Ukraine	2100 m ³ /h
7	Oil Storage Tank	UAE	7000 L
8	Oil Storage Tank	UAE	33000 L
9	Oil Storage Tank	UAE	42000 L
10	Oil Storage Tank	UAE	1500 L



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OTHER TESTING EQUIPMENTS

No.	Equipment Name	Make	Model
1	Digital Lux Meter	Unitest, BEHA	93560
2	LCR Component Tester	Megger, U.S.	LCR 131
3	Vibration Meter	Exttech Instruments, U.S.	407860
4	Field Communicator	Emerson, U.S.	375
5	Field Communicator	Emerson, U.S.	475
6	Loop tester (loop impedance tester)	Megger us	LTW335
7	Humidity Logger with Sensor	Hioki, Japan	3641 -20
8	Memory Hi coder	Hioki, Japan	8847
9	Scope Meter	Fluke, U.S.	225C
10	Vernier Caliper	STECO	0-200mm/0 8inch □
11	Gas Detector	MSA Altair 4x / USA	Altair 4X
12	Power Quality Analyzer	Fluke, U.S.	435
13	Phase Sequence Meter	Megger, U.K.	9040
14	Phase Angle Meter	Programma, Sweden	PAM360
15	Rheostat	R.S.Component, U.K	0-10 Ohms
16	RCD Tester	Megger, U.S.	T320 ENBS
17	Dew point meter	Elektronic U.S	EE371
18	Single Pole Timer	Programma, Sweden	TM 200
19	Digital Signal Source	Hioki, Japan	7016
20	Thermal Image Camera	Flir / USA	T640
21	Cable Spiking Gun	C.C .E	

CABLE FAULT TEST EQUIPMENTS

No.	Equipment Name	Make	Model
1	Cable Fault Locator	Seba KMT	SFX32-1750 -P -SX-N
2	Cable Fault Locator	BAUR	Syscompact portable 2000
3	Cable Sheath Fault Tester	Baur, Austria	Shirla
4	Cable Locator	Baur, Austria	CL 20
5	High voltage Cable Detector	France	AEMC/275HV D
6	33KV Live Line Tester	High Voltage Instruments UK	F0257B
7	Cable Locator	SPX	SPX /CAT4+
8	Cable Identification System	Telemetrics	CI 60S
9	Cable Identification System	Lee Vaughan	MK V
10	Cable Identification System	BAUR	KSG200
11	Time Domain Reflectometer	Megger	TDR 2050



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SECONDARY TEST EQUIPMENTS

No.	Equipment Name	Make	Model
1	Secondary Injection Kit Single Phase	Programma, Sweden	Sverker 760
2	Secondary Injection Kit Three Phase	Programma, Sweden	Freja 300
3	Secondary Injection Kit Six Phase	Programma, Sweden	Freja 306
4	Secondary Injection Kit Six Phase	Omicron, Austria	CMC 256 Plus
5	Secondary Injection Kit Six Phase	Omicron, Austria	CMC 356
6	Omicron- GPS	Omicron, Austria	CM GPS

PRIMARY INJECTION TEST EQUIPMENTS

No.	Equipment Name	Make	Model
1	Primary Injection Kit 0 -2000A	Programma, Sweden	Oden AT
2	Primary Injection Kit 0 -4000A	Programma, Sweden	Oden AT / 3H
3	Primary Injection Kit 0 -7000A	EURO SMC	Raptor C25
4	Primary Injection Kit 0-600A	France Log ,India	MS4000
5	Primary Injection Supply Unit 0-600A	Megger	CSU600A
6	Primary Injection Kit 0 -1000A	Megger	INGVAR
7	Multifunctional Primary Injection Test Kit	Omicron, Austria	CPC 100
8	CPC 100 Booster Control Unit	Omicron, Austria	CPCB2
9	CT Analyzer	Omicron, Austria	CT Analyzer
10	CT Analyzer	Vanguard U S A	EZCT 2000B
11	CT Analyzer Switch Box	Omicron, Austria	CT SB2
12	Step & Touch Test kit	Omicron	CPCU 1
13	Omicron Switch Box	Omicron, Austria	CP SB1
14	Tan Delta	Omicron, Austria	CP TD-1

CONTACT RESISTANCE TEST EQUIPMENTS

No.	Equipment Name	Make	Model
1	Micro Ohm Meter	Programma, Sweden	MOM-600
2	Micro Ohm Meter	Programma, Sweden	MOM-200
3	Low resistance Meter	Megabras, Brazil	MPK 253
4	Digital Low Resistance Ohm Meter	Megger, U.S.	DLRO-10
5	Digital Low Resistance Ohm Meter	Megger, U.S.	DLRO-600
6	Digital Low Resistance Ohm Meter	Hioki, Japan	Model 3540
7	Micro Ohm Meter	Megger, U.S.	MOM2
8	Digital Low Resistance Ohm Meter	Megger U.S.	DLRO-200

POLARITY TEST EQUIPMENT

No.	Equipment Name	Make	Model
1	Polarity Test Kit	AnanthaJothi, India	CTPT – 901
2	Polarity Test Kit	Omicron, Austria	/ CPOL2

Fiber Optic Test Equipment

No.	Equipment Name	Make	Model
1	Optical Time Domain Reflectometer (OTDR)	EXFO	FTB -720-12CD-23B
2	Fiber Optic Power Meter	EXFO	FPM-302
3	Fusion Splicer	Sumitomo	T -71C Plus
4	Fiber Optic Light Source	EXFO	FLS -300-12D-23BL



TESTING EQUIPMENT LIST

BATTERY LOAD BANK

No.	Equipment Name	Make	Model
1	Battery Load Unit	Programma, Sweden	Torkel – 840
2	Battery Load Unit	Programma, Sweden	Torkel – 860
3	Battery Load Unit	Megger, US	Torkel 950
3	Extra load unit	Programma, Sweden	Torkel – 870
4	Battery Impedance Test Equipment	Megger, US	BITE3

CIRCUIT BREAKER TEST EQUIPMENTS

No.	Equipment Name	Make	Model
1	Breaker Analyzer System	Programma, Sweden	TM 1600
2	Breaker Analyzer System	Megger, Sweden	TM 176 0
3	Breaker Analyzer System	Megger, Sweden	EGIL
4	Schneider Circuit Breaker Test unit instruction	Schneider	33595
5	ABB Circuit Breaker Test unit instruction	ABB/SACE	PR010/T
6	ABB Circuit Breaker Test unit instruction	ABB	Ekip T&P

HIGH VOLTAGE TEST EQUIPMENTS

No.	Equipment Name	Make	Model
1	HV 25 KV DC	Baur, Austria	PGK 25
2	HV 100 KV DC	High Voltage Inc, U.S.	PTS -100F
3	HV AC 50 KV	High Voltage Inc, U.S.	PFT – 503CMF
4	HV AC 5 KV	UDEYARAJ	US 5-100
5	HV AC 10 KV	Udeyraj Electricals, India	HT -10-100
6	HV AC 100 KV	Phenix USA	6CP100/50-10
7	HV AC 130 KV	Phenix USA	BK130
9	Very Low Frequency AC & DC kit – VLF 28KV	HV Diagnostics, New Zealand	HVA 28
10	Very Low Frequency AC & DC kit – VLF 60KV	HV Diagnostics, New Zealand	HVA 60
11	HV 130 KV DC	High Voltage Inc, U.S.	PTS -130F
12	Very Low Frequency AC & DC kit – VLF 90KV	b2 High-Voltage, Austria	HVA90
13	Very Low Frequency AC & DC kit – VLF 28KV	BAUR	Frida

MULTIMETERS

No.	Equipment Name	Make	Model
1	Digital Multimeter	Fluke, U.S.	87V, 115, 287,
2	Analog Multimeter	Sanwa, Japan	YX360TRF
3	Heavy Duty Digital Multimeter	Amprobe	HD160C

GIS TEST EQUIPMENTS

No.	Equipment Name	Make	Model
1	SF ₆ gas Leakage Detector	Dilo	3-033-R002
2	SF ₆ Gas Service Cart	Dilo	L057R2BEA0B
3	SF ₆ Gas Storage Tank	Dilo	B044RII
4	SF ₆ Gas Analyzer	Dilo	3-038R -R303