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SEPARATE PAGING IS GIVEN TO THIS PART IN ORDER THAT IT MAY BE FILED AS A SEPARATE COMPILATION

## PART III-A

Regulations, Orders, Notifications, Rules, etc. issued by the Governor  
Heads of Departments and High Court

### DEPARTMENT OF ENERGY

#### NOTIFICATION

The 28th December 2001

No. 21610—GRIDCO-FEA-68/01—In exercise of the power conferred by sub-rule (2) of Rule 7 of the Indian Electricity Rules, 1956, the State Government do hereby make the following order for the Levy of fees for testing and inspection and generally for the services of Electrical Inspectors, namely:—

#### I. SHORT TITLE AND COMMENCEMENT

- (i) This order may be called the Orissa Electricity [Levy of Fees for Testing and Inspection and Generally for the Services of Electrical Inspector (s)] Orders, 2001.
- (ii) It shall come into force on the date of its publication in the official gazette.

#### II. DEFINITIONS

(i) In this order unless the context other wise requires:—

- (a) "Act" means the Indian Electricity Act, 191,
- (b) "Cable" means all underground, overhead, laid-in-trench cables, for transmission, distribution and use of electrical energy and includes cables for control equipments and Telecommunications, Video/Audio net works; etc.
- (c) "Capacity" means rated capacity of individuals equipments, motors, generators, Diesel generators/Turbo generator units, as the case may be, in KW and whenever necessary shall be converted, to KVA with a power factor of 0.8;
- (d) "Connected Load" of the installation shall be aggregated rating of the apparatus installed;
- (e) "Electrical Inspector" means Chief Electrical Inspector or Electrical Inspector or Deputy Electrical Inspector or Assistant Electrical Inspector appointed under Section 36;
- (f) "Generating Station" means any Station intended/used for generating Electricity, including any building and plant (with step-up transformer, switch gear, cables or other appurtenant equipment if (any) used for that purpose and the site thereof, a site intended to be used for a generating station and any building used for housing the operating staff of a generating station and where electricity is generated;



- (g) "Initial Inspection" means Inspection, Examination or Testing prior to bringing into use of a new electrical installation or apparatus including replacement of equipments or apparatus to which energy is to be supplied;
- (h) "Lines" includes all transmission, distribution and service lines used for transmission, distribution and use of electrical energy;
- (i) "Owner" shall include occupier of electrical installation of any building, place, carriage or vessel in which energy is or about to be generated, received or used;
- (j) "Periodical Inspection" means inspection, examination or testing, at a time interval specified under appropriate scales, for the installation or apparatus in which energy is continue to be used;
- (k) "Re-inspection" means Inspection, Examination or Testing of the installation or apparatus subsequent to initial inspection after compliance or observations of the initial inspection, when energisation was not permitted;
- (l) "Rules" means the Indian Electricity Rules, 1956 .
- (m) "Scale" means scale of FEES appended to this order ;
- (n) "Sub-station" means a station for transforming or converting electricity for the transmission or distribution thereof and includes transformers, converters, switchgears, capacitors, synchronous condensers, structures, cables and other appurtenant equipments and any building used for that purpose and the site thereof, a site intended to be used for any such purpose and any building used for housing the staff of the sub-station.
- (o) "Testing" means determining operation parameters of equipments/apparatus/contents or auxiliary units through specified/standardised testing procedures and may include calibration.

(ii) All words and expressions used but not defined in this order shall have the same meaning respectively assigned to them in the Act and the rules.

### III. LEVY OF FEES

Fees shall be levied for inspection, examination or testing and generally for the services of Electrical Inspector (s) under the Act or Rules and in accordance with the scales appended to this order and shall be payable by the owner/occupier of the installation subject to the following conditions, namely:—

- (i) A fee for inspection of service connection shall be levied and paid for all connections as specified under scale-G.
- (ii) Fees specified under different scales are to be levied and paid for periodical inspection, examination or testing of equipments for the periodicity indicated therein;

Provided that no additional fee shall be levied within the period unless—

- (a) there is a requisition on written application for inspection, examination or testing by the supplier or the consumer; or
- (b) inspection, examination or testing is necessary as a result of an extension or alteration or replacement of the equipments (s) of the installation or necessitated by breach of any provision of the Act or Rules; or
- (c) in the opinion of Electrical Inspector (s) the installation being incomplete at the time of previous inspection or for failure of the owner to carry out the written order of Electrical Inspector (s) within time specified, the inspection examination or testing is necessary.

(iii) The fees for "INITIAL INSPECTION" or "RE-INSPECTION" shall be one half ( $1\frac{1}{2}$ ) time the periodical inspection fee specified under the appropriate scales.

(iv) An additional surcharge of 50% (fifty per cent) shall be payable for all initial/periodical/re-inspections to be made within 10 (ten) days from the date of requisition made available to the Electrical Inspector (s) in complete shape ;



Provided that no surcharge shall be payable in case of temporary connections which for purpose of this provision shall mean connection to be energised for not more than 30 (thirty) days.

- (vi) For statutory testing of the equipments in the field or in the testing laboratory the fees shall be due for payment on receipt of demand note and shall be deposited within 30 (thirty) days from the due date irrespective of the date of testing. Non-deposit of testing fee within the stipulated period shall carry, an interest @ 18% per annum to be compounded every quarter.
- (vii) The fees for testing under "scale-K" is applicable for testing of equipments/apparatus in the Standard Testing Laboratory, Bhubaneswar.  
For testing in the field, tariff under scale-K (F) shall be applicable.
- (viii) For inspection or testing in the field, conveyance and accommodation shall be arranged by the requisitioner.
- (ix) In case of any inspection, examination testing made otherwise than an application, the fees shall be paid within 30 days of receipt of the demand note from the concerned Electrical Inspector (s).
- (x) For installations/equipments energised without statutory inspection, penalty equivalent to 5 (five) times, the inspection fee as applicable shall be payable.

#### IV. MODE OF PAYMENT OF FEES

- (i) Fees under this order shall be levied in accordance with the scale (s) specified and conditions laid down under Clause III of this order.
- (ii) Fees shall be deposited through "Account payee" Bank drafts payable at State Bank of India, main Branch, Bhubaneswar drawn in favour of the Inspector i. e. Chief Electrical Inspector/Electrical Inspector/Deputy Electrical Inspector/Assistant Electrical Inspector as the case may be.
- (iii) The purpose for which the fee is deposited i. e. fees for initial inspection/fees for Re-inspection/fees for periodical inspection/fees for Testing of apparatus and insulating oil, etc. shall be indicated in the Bank Draft.
- (iv) The Bank Draft shall be forwarded to the concerned Inspector along with the requisition for examination/Inspection/Test along with such other required documents.
- (v) For apparatus instruments for which no fees has been prescribed, in the scales for Inspection/Test, the fees shall be fixed by the Chief Electrical Inspector.

#### V. PERIODICITY OF INSPECTION

The periodicity of inspection as stated under different scales, is the interval at which the installation/equipments apparatus are to be tested, inspected, examined.

NOTE-I—The period governed by Annual Inspection shall be from 1st April to 31st March.

NOTE-II—Under special circumstances, the actual interval for inspection would be fixed by Electrical Inspector, depending on the condition of installation subject to the provision of rule 46 of I. E. Rules, 1956.

#### VI. DISPUTES

All disputes arising out of this order shall be subject to the jurisdiction of Civil Courts located at Bhubaneswar.

#### VII. INTERPRETATION

In case of any doubt regarding interpretation of this order and levy of fees under this order the matter shall be referred to the Chief Electrical Inspector for decision.



## VIII. REPEAL AND SAVING

- (i) The Electricity levy of fees for Testing and Inspection and Generally for the Services of Electrical Inspector (s) Order, 1991 is hereby repealed.
- (ii) Notwithstanding such repeal anything done or any action taken under the order so repealed shall be deemed to have been done or taken under the corresponding provisions of this order

## ANNEXURE-A

## Additional Items Proposed under scope of Inspection and Testing

Serial No.	Item	Reference	
		Sl. No.	Scale
(1)	(2)	(3)	(4)
1	Mobile D. G. sets for commercial use	9	B
2	L. T. less transformers	1 & 2	G
3	E. S. P. Transformers	9	D
4	Hotel, Restaurants, Eating Places and Lodgings etc.	4	F
5	Shops & Commercial Establishment	5	F
6	Temporary connection for Marriages, Pujas and other festivals	6	F
7	Temporary connection for Industrial and Commercial use	7	F
8	Cable T. V. Network	8	F
9	Film, Recording, T. V. Communication Studios	9	F
10	Petrol Pumps/Gas depots	10	F
11	Storage Godowns/Warehouses	11	F
12	Places of religious gathering	12	F
13	H. V. E. H. V. service connections	3,4	G
14	Centralised A/C system	1	H
15	Electric Furnace	2	H
16	Neon sign	5	H
17	A/C window/split type	6	H
18	Computers, Xerox etc.	7	H
19	Display/advertisement boards	8,9	H
20	Street lights/Traffic lights	10,11	H
21	Standard Energy meters (Specified)	12,13	K
22	Relays (Specified)	14 to 31 33, 36, 37, 42, 44, to 46, 47, 48, 50, 51.	K
23	CT/PT/Transformer/Breaker/L. A. etc. (Specified)	7 to 16	K
24	Measuring Instruments (Specified)	1 to 22 26 to 34	K
25	Testing of Insulating Oil-Density	8	K

## SCALE—A

( In Rupees )

## MOTORS

Serial No.	Rated capacity of motors (in KW)	Periodical Inspection Fees		REMARKS
		L. T./M. V-	H. T.	
(1)	(2)	(3)	(4)	(5)
1	Up to 10 KW	50	..	
2	Above 10 KW and up to 100 KW	200	..	
3	Above 100 KW and up to 500 KW	250	..	
4	Above 500 KW and up to 1000 KW	850	900	
5	Above 1000 KW and up to 5000 KW	2,250	2,400	
6	Above 5000 KW and up to 10000 KW	3,500	4,000	
7	Above 10000 KW and up to 20000 KW	4,500	5,000	
8	Above 20000 KW and up to 50000 KW	7,500	8,000	
9	Above 50000 KW	12,000	15,000	

Periodicity of Inspection—

Up to 100 KW every two years Above 100 KW—Annual

NOTE—Domestic Pump/Motors up to the capacity of 1 KW is exempted from payment of inspection fee

## SCALE—B

( In Rupees )

## GENERATING UNITS

Serial No.	Capacity of Generators (in KVA)	Periodical Inspection Fees		REMARKS
		Diesel/Thermal	Hydro	
(1)	(2)	(3)	(4)	(5)
1	Up to 25 KVA	100	100	
2	Above 25 KVA and up to 100 KVA	250	250	
3	Above 100 KVA and up to 1000 KVA	1,100	1,200	
4	Above 1000 KVA and up to 5000 KVA	2,750	3,000	
5	Above 5000 KVA and up to 10000 KVA	3,250	3,500	
6	Above 10000 KVA and up to 50000 KVA	12,000	13,000	
7	Above 50000 KVA and up to 100000 KVA	17,500	20,000	
8	Above 100000 KVA	20,000	22,500	
9	Mobile Diesele Generators Units for Commercial use	200	—	

Periodicity of Inspection—

Up to 100 KVA individual capacity Once in three years

Above 100 KVA Individual capacity Annual

Mobile Diesel Generator Units for Commercial use as and when required



## SCALE—C

( In Rupees )

## SUB-STATION/APPARATUS

( UP TO &amp; INCLUDING 33 KV )

Serial No.	Rated capacity of Individual Transformer/ Capacitor Bank ( in KVA/KVAR )	Periodical Inspection fee	REMARKS
(1)	(2)	(3)	(4)
1	Up to 50 KVA/KVAR	250	
2	Above 50 upto 250 KVA/KVAR	350	The L. T. less transformers are to be covered under relevant scale.
3	Above 250 up to 1000 KVA/KVAR	850	
4	Above 1000 up to 5000 KVA/KVAR	1,700	
5	Above 5000 up to 10000 KVA/KVAR	2,250	
6	Above 10000 up to 50000 KVA/KVAR	5,500	
7	Above 50000 KVA/KVAR	8,500	
8	Any additional apparatus/switch-gear	500	
9	Pannels (Control, Relay, metering, etc.) each	500	
10	Any other equipment mounted in the pannels (CB, CT, PT, LA Isolator Auxiliary CT, etc.), each.	250	
	Periodicity of Inspection	Annual	

## SCALE—D

## SUB-STATION/APPARATUS OF EXTRA HIGH VOLTAGES (ABOVE 33 KV)

( In Rupees )

Serial No.	Rated Capacity of Individual Transformer/ Capacitor Bank (MTA/MVAR)	Periodical Inspection fee	REMARKS
(1)	(2)	(3)	(4)
1	Up to 10 MVA/MVAR	9,500	
2	Above 10 up to 20 MVA/MVAR	15,000	
3	Above 20 up to 50 MVA/MVAR	18,000	
4	Above 50 up to 100 MVA/MVAR	24,000	
5	Above 100 up to 150 MVA/MVAR	30,000	
6	Above 150 MVA/MVAR	36,000	
7	Any additional apparatus/switch-gear	750	
8	Switching Station	12,000	
9	E. S .P. transformers	9000	
10	Pannels (Central relay, metering, etc.) each	750	
11	Any other equipment mounted on the pannels (CB, CT, PT, LA, Isolator, Auxiliary CT, etc.) each.	350	
	Periodicity of Inspection	Annual	

SCALE—E  
LINES AND CABLES

Serial No.	Category	Fees for Periodical Inspection	REMARKS
(1)	(2)	(3)	(4)
<b>OVER HEAD LINES</b>			
1	Low voltage or medium voltage	Rs 150 for first 5 Kms. and Rs. 20 per each additional Km. or part thereof.	
2	High voltage	Rs. 200 for first 5 Kms. and Rs. 30 per each additional Km. or part thereof.	
3	Extra High voltage	Rs. 300 for first 5 kms. and Rs. 40 per each additional Km. or part thereof of circuit length.	
<b>CABLES</b>			
1	Low voltage or medium voltage	Rs. 125 for first Km. and Rs. 50 per additional Km. or part thereof.	
2	High voltage	Rs 250 for first Km. and Rs. 100 per additional Km. or part thereof.	
	Periodicity of Inspection	Annual	

SCALE—F

( In Rupees )

CINEMAS, HOTELS AND PLACES OF PUBLIC ENTERTAINMENTS AND CATERINGS

Serial No.	Category	Fees for periodical inspection	Periodicity of Inspection	REMARKS
(1)	(2)	(3)	(4)	(5)
1	Permanent Air Conditioned Cinemo, Video Houses, Theatres, Yatra, Opera houses etc.	600	Annual	
2	Permanent Non-Air-conditioned Cinema, Video houses, Theatres, Yatra, Opera houses, etc.	500	Annual	
3	Temporary/Touring: Cinema, Video houses Theatres. Yatra, Opera etc.	200	Half yearly	
4	Hotel/Restaurants/Eating Places/Lodgings etc			
	(a) Permanent Air-conditioned		Annual	
	(i) Halls, Dining, etc.	300		
	(ii) Room (each)	200		
	(b) Permanent Non-Air-conditioned			
	(i) Halls, Dining, etc.	200		
	(ii) Room (each)	100		
	(c) Temporary	100		



(1)	(2)	(3)	(4)	(5)
5	Shops, Commercial Estts ( Above 3 KW connected load ).		Annual	
	A. C.	— 300		
	Non-A. C.	.. 200		
6	Temporary connections for marriage, puja and other festivals.	250	Before energisation	
7	Temporary connection for Industrial/ Commercial use.	250	Ditto	
8	Cable T. V. Network	—	Annual	
	(i) Cable network per span	— 5		
	(ii) T. V. connection (each)	.. 25		
	(iii) Booster/Amplifier point (each)	... 25		
9	Film Studios, Recording Studios, T. V. communication Studios.	600	Annual	
10	Petrol Pumps/LPG Gas depots/distributors etc.	500	Annual	
11	Storage Godowns/Ware houses	500	Annual	
12	Temples, Mosquass/Chaurches and places of religious getherings.	100	Annual	
13	Multi-steried residential buildings/Apartments (more than 9.5 meters height) perunit.	100	Annual	

## SCALE—G

( In Rupees )

## SERVICE CONNECTIONS

Serial No.	Rated Voltage of Service Connections	Periodical Inspection Fees	Periodicity of inspection	REMARKS
(1)	(2)	(3)	(4)	(5)
1	Domestic (Single phase)	.. 20	Annual	To be collected and deposited by the Distribution Companies.
2	Domestic (Two/three phase)	... 30	Annual	
3	Commercial (Single phase)	... 50	Annual	
4	Commercial (Two/three phase)	... 100	Annual	
5	Industrial (Medium Voltage)	... 150	Annual	
6	Industrial (High Voltage)	... 500	Annual	
7	Industrial (Extra High Voltage)	... 1000	Annual	



## SCALE H

( In Rupees )

## MISCELLANEOUS

Serial No.	Category	Periodical Inspection Fee
(1)	(2)	(3)
1	Centralised A/C system	
	Up to 10 T	.. 300
	Above 10 T	.. 500
2	Electric Furnace	.. 300
3	Lift	.. 250
4	X-ray and other medical apparatus with High voltage	.. 250
5	Neon signs	.. 100
6	Air conditioners window/split type	
	Up to 1.5 Tonne	-- 50
	Above 1.5 Tonne	.. 100
7	Computers/Xerox etc. for commercial/Industrial use	.. 100
	Display boards with illumination metallic boxes	.. 100
9	Hoarding/advertisement boards with illumination	.. 50
10	Street lights	
	(i) Up to 2 lamps	.. 20
	(ii) More than 2 lamps	.. 50
11	Traffic lights per post	.. 50
	Periodicity of Inspection	Annual

## SCALE I

( In Rupees )

## DRAWING CHECKING AND APPROVAL

Serial No.	Items	Drawing checking fees
(1)	(2)	(3)
1	Drawing EHT (each)	.. 1000
2	Drawing HT (each)	.. 400
3	Drawing MV (each)	.. 200



## SCALE J

( In Rupees )

## FOR DECISION BY ELECTRICAL INSPECTOR

Serial No.	Items	Fees per decision
(1)	(2)	(3)
1	Under Section 21 (4) of the Act	500
2	Under Section 24 (2) of the Act	500
3	Under Section 26 (4) or (6) of the Act	500
4	Clause-VI (3) of the schedules to the Act	500
5	Under Rule 52 of I. E. Rule, 1956	500
6	Under Rule 82 (3) of I. E. Rule, 1956	1000
7	For examination or test under Rule, 98-101 of the Rules for leakage in gas, water or other pipe line or appliances.	Rs. 500 for 1st hour Rs. 300 for subsequent hour or part
8	For inspection or examination per decision for dispute between the supplier and owner with regard to breach of the provisions of Act or Rules.	500
9	Inspection, examination or test not covered in the foregoing scales.	500 or as decided by Electrical Inspector.

## SCALE K

## EXAMINATION AND TESTING OF APPARATUS AND INSULATING OIL

Serial No.	Description of the Apparatus	Testing Fees
(1)	(2)	(3)
	(A) ENERGY METER	Rs.
1	Electromagnetic Single Phase Energy Meter	100
2	Static Single Phase Energy Meter	200
3	Electro Magnetic Poly Phase Energy meter without M. D. I.	500
4	Electro Magnetic poly phase Energy meter with M. D. I.	600
5	Static poly phase KWH meter	1,000
6	Static Poly phase TV meter up to 0.5 class of accuracy	1,500
7	Static Poly phase TV meter of 0.2 class of accuracy	2,000
8	Electro magnetic T. V. meter	1,000
9	Electro magnetic Export/import T. V. meter	2,000
10	Static Export/Import T. V. meter up to 0.5 class of accuracy	2,000
11	Static Export/Import T. V. meter of 0.2 class of accuracy	4,000
12	RSS/ESS up to 0.5 class of accuracy	5,000
13	RSS/ESS of 0.2 class of accuracy	10,000



(1)	(2)	(3)
	(B) TESTING OF RELAYS	
1	O/C Relay (without direction feature)	.. 100
2	O/C Relay (with direction feature)	.. 150
3	Earth fault relay (without direction feature)	... 100
4	E/F Relay (with direction feature)	.. 150
5	Restricted E/F realy (Single Unit 1 phase)	.. 300
6	Restricted E/F relay (Single Unit 3 phase)	... 500
7	Earth leakage relay	.. 100
8	Reverse E/F relay	... 200
9	Rotor Earth fault relay	... 200
10	Starter E/F relay	.. 200
11	Standby E/F relay	.. 200
12	Ground Earth fault relay	... 100
13	Sensitive E/F relay	.. 100
14	O/V relay	.. 200
15	U/V relay	... 200
16	Voltage regulating relay	... 200
17	Breaker/Over load relay	... 200
18	Over fluxing relay	.. 200
19	No volt relay	... 200
20	Definite time relay	... 100
21	Reverse power relay (single unit, single phase)	... 200
22	Reverse power Relay (single unit, three phase)	... 500
23	Power relay	.. 200
24	Field failure relay	.. 200
25	Fuse failure relay	... 200
26	Neutral displacement relay	... 200
27	Negative phase sequency relay	.. 200
28	Load forward relay (single unit, single phase)	.. 200
29	Load forward relay (single unit, three phase)	... 500
30	Under frequency relay	... 200
31	Tripping relay	... 100
32	Auxilliary relay	.. 100
33	Master tripping relay	.. 100



(1)	(2)	(3)
34	Alaram relay	100
35	Bucholoz relay	100
36	Time relay	100
37	Thermal relay	100
38	Transformer differential relay	500
39	Generator differential relay	500
40	Router differential relay	500
41	Percentage differential relay	500
42	Motor protection relay	500
43	Impedence/Mho relay	4000
44	Anti pumping relay	200
45	D. C. failre relay	100
46	Cont. multiplication relay	200
47	(i) Oil level indicator	150
	(ii) Electrolyte level low	150
	(iii) Over temp. of electrolyte	150
	(iv) Pressure release valve	200
48	Starting incomplete and excessive relay	200
49	Solid state inverse time over current relay	150
50	Under excitation relay	500
51	Supervision relay	150

#### C. TESTING OF C. T./P. T./TRANSFORMER/BREAKER/LIGHTNING ARRESTER, ETC.

1	Voltage up to 650 Volt current transformer (Up to 200 Amps.)	200
2	Voltage upto 650 Volt C. T. (above 200 Amps per Range)	400
3	Voltage above 650 Volt C. T. (Up to 100 Amps per Range)	400
4	Voltage above 650 Volt C. T. (Above 100 Amps per Range)	600
5	Multi range (Up to 650 Volt) C. T.	500
6	Potential Transformer (Up to 33 KV)	2,000
7	P. T. (Above 33 KV)	3,000
8	Routine and type test-Transformer (Up to 33 KV)	5,000
9	Routine and type test-Transformer (Above 33 KV)	6,000
10	Air/Gas circuit breaker	2,000
11	Intencepted capacity MOCB	2,000
12	L. T. lightning arrester	750
13	H. T. Lightning arrester	1,000



(1)	(2)	(3)
14	Tan-Delta and Capacitance test (Generator and Transformer)	... 2,500
15	Metering Unit	.. 3,000
<b>(D) TESTING OF MEASURING INSTRUMENTS</b>		
1	Ammeter without multirange	... 150
2	Ammeter with multirange	.. 300
3	KV/Volt meter (Above 600 Volt) with multirange	.. 300
4	KV/Volt meter without multirange	... 150
5	Wattmeter (without multirange)	.. 200
6	Wattmeter (with multirange)	.. 350
7	Wattmeter (Import and export)	.. 350
8	Frequency meter	... 250
9	Double frequency meter	.. 350
10	Power factor meter	.. 250
11	VAR meter (without multirange)	... 250
12	VAR meter (with multirange)	... 350
13	VAR meter (Import and export)	.. 350
14	Multimeter	... 350
15	Tongue tester	... 350
16	Phase sequence meter	.. 200
17	Synchro scope	... 200
18	TRM (single phase) Measurement	... 150
19	TRM (Poly phase) Measurement	... 300
20	Wheatstone bridge	... 2,000
21	Kelvin bridge	... 2,000
22	Micro ohm meter	.. 500
23	Insulating Tester (L. T.)	.. 250
24	Insulating Tester (H. T.)	... 350
25	Earth Tester	... 250
26	Transducer	... 300
27	Oil Temperature indicator	.. 500
28	Winding temperature indicator	.. 500
29	High voltage test set	... 1,000
30	Insulating oil test kit	... 1,000
31	Secondary injection test kit	... 1,000
32	Hand gloves (each)	... 100
33	Lux meter	... 250
34	TRM calibration	... 2,000

(1)	(2)	(3)
	(E) TESTING OF INSULATING OIL (AS PER IS 1866—1983)	
1	Dielectric Strength (B. D. V.)	250
2	Dielectric dissipation factor (Tan Delta)	550
3	Specific Resistance	450
4	Water Content	550
5	Netutralisation value	250
6	Flash point	250
7	Sludge content	250
8	Density	250
9	Dissolved Gas Analysis	2000

Periodicity of Testing

Items under Scale-K (A) to (E) Annual or as per requirement

(F) FIELD TESTING OF METERS AND RELAYS, ETC.

The field testing of meters and relays, the following shall be applicable—

- (i) Testing charges as per the tariff mentioned in Scale-K
- (ii) Transportation of testing equipments shall be provided by the firm/industry
- (iii) Overhead charges per day or part thereof ;

Testing Engineer	1000 each
Testing Assistant	500 each

(G) High Voltage and other Special Tests—

Charges for high voltage and such other special tests will be fixed by the Chief Electrical Inspector depending on the type and quantum of work involved.

General

- (i) The equipments and transformer oil of all installations shall be tested annually
- (ii) Charges for testing disputed meters shall be double the rate of normal testing charges
- (iii) Testing charges of insulating oil/other charges may be revised by Chief Electrical Inspector (O) depending on the rise in cost of chemicals.
- (iv) Three liters of oil samples are required for carrying out all the tests at Serial (1) to (8) under item-E and for the tests at serial (9), additional 2 liters of oil is required as per I. S. 9434/79.
- (v) Sampling of oil is to be done as per ISS-6855/1973 and the sample sent to the laboratory preferable in glass container duly stoppeed and sealed. The container is to be labeled/tagged with proper identification mark including name and address of the sender.
- (vi) Rates of testing per equipmant not covered in the above items will be fixed by the Chief Electrical Inspector.

By order of the Governor

D. N. PADHI

Principal Secretary to Government



GOVERNMENT OF ORISSA  
OFFICE OF THE CHIEF ELECTRICAL INSPECTOR  
THIRD FLOOR, HEADS OF DEPTT. BUILDING  
BHUBANESWAR - 751001

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N O T I F I C A T I O N

ERRATUM TO NOTIFICATION NO. 21610 GRIDCO-FEA-68/01 THE 28TH DECEMBER, 2001 OF DEPTT. OF ENERGY PUBLISHED IN THE ORISSA GAZETTE NO. 13 CUTTACK FRIDAY MARCH, 29, 2002.

No. 2309 / Dated the 22.6 th June, 2002

In exercise of the power conferred under sub-rule (v) Rule-IV of the Notification of Deptt. of Energy referred above, the following Erratum/amendments are made to the Orissa Electricity (levy of fees for testing & inspection and generally for the services of Electrical Inspector(s)) order, 2001

Sl. No.	Subjects	Printed as	Amended as	Reference
1	2	3	4	5
1.	DEFINITIONS:			
i)	"Generating Station"	if (any)	, if any )	Clause-II (i) (f) 3rd line page-133
ii)	"periodical inspection"	continue	continued	Clause-II (i) (j) 3rd line, page-134
2.	PERIODICITY OF INSPECTION	Equipments apparatus	Equipments/ apparatus	Clause-V 2nd line page-135
3.	ANNEXURE -A			
i)	Hotel ... lodging etc	lodgiengs etc	lodgings etc	Sl. 4 col. 2 page-136
ii)	Film, ... TV communication studios	TV communication studios	TV/communication studios	Sl. 9 Col. 2 page-136
iii)	HV/EHV/service connections	HV EHV service connections	HV/EHV service connections	Sl. 13 col. 2 page-136
iv)	Relays (specified)	44, to 46	44 to 46	Sl. 22 col. 3 page-136

1. SCALE-A		Periodical inspection fee (HT)		
1)	Upto 10 KW	-	100	col. (4) page-137 Sl.No.1
ii)	Above 10 KW & upto 100 KW	-	300	Sl.No.2
iii)	Above 100 KW & upto 500 KW	-	400	Sl.No.3
iv)	Pannels (each) (control, relay, metering etc. including equipments mounted on pannels-CB, CT, PT, LA, Isolator, AUX. CT etc)	-	250 (LT/MV/HT)	To be inserted as serial No.10
v)	Any additional apparatus/ switch-gear (each)	-	250	To be inserted as serial No.11
2. SCALE-B				
1)	Pannels (control, relay metering etc) each	-	400	To be inserted as serial No.10
ii)	Equipments mounted on pannels (CB, CT, PT, LA, Isolator, AUX. CT etc) each	-	250	To be inserted as serial No.11
iii)	Any additional apparatus/ switch-gear (each)	-	250	To be inserted as serial No.12
3. SCALE-D				
1)	Columns	MTA/MVAR	MVA/MVAR	Col.2 page-138
ii)	Switching station	switching station	switching station	Sl.No.8 col.2 page-138
iii)	Pannels	Central relay	control, relay	Sl.No.10 col.2 page-138
4. SCALE-E OVERHEAD LINES				
1)	Low or medium voltage	additional	additional	Sl.No.1 col.3 page-139



ii)	High Voltage	Hing Voltage	High voltage	Sl.No.2 Col(2) Page-139
5.	<b>SCALE-F</b>			
i)	Permanent..... Opera House etc	Cinemo	Cinema	Sl.No.1 Col(2) page-139
{ii)	Shops, Commercial Establishment	(Above 3 KW connected load.)	(Above 3 KW & upto 5 KW connected load.)	Sl.No.5 Col.(2) Page-140.
	each additional KW or part connected load			To be inserted after 4th line of Sl.5 Page-140.
	- AC	-	100	
	Non AC	-	50	
iii)	Temples, religious gatherings	Mosquess/ chaurches	mosques/ churches	Sl.No.12 Col.2 Page-140
		getherings	gatherings	Sl.No.12 Col.2
iv)	Multi storied.... per unit	multi steried	multi storied	Sl.No.13 Col.2 page-140
v)	Domestic/ Residential premises	-	-	To be inserted as Sl.No.14.
	Above 3 KW & upto 5 KW connected load	-	30-Annual	
	Each additional KW or part connected load	-	10 -do-	
vi)	<b>CINEMAS..... GATHERINGS</b>	<b>CATERINGS</b>	<b>GATHERINGS</b>	<b>Scale-F Main headings Page-139.</b>

SCALE-G (Page-140)			Col(5)	To be inserted.
Domestic (two/three phase)	-		To be collected & deposited by distribution Companies	Col.5 Item-2.
Commercial (single phase)	-		-do-	Item-3.
Commercial (two/three phase)	-		-do-	Item-4.
Industrial (Medium voltage)	-		To be collected by concerned Electrical Inspector(s).	Item-5.
Industrial (High Voltage)	-		-do-	Item-6.
Industrial (Extra High Voltage)	-		-do-	Item-7.
Other Service Connections	-		-	To be inserted as Sl.No.8
Medium Voltage	100	Annual	To be collected by concerned Electrical Inspector(s)	
High Voltage	500	-do-	-do-	
Extra High Voltage	1000	-do-	-do-	
SCALE-J				
For inspection ... Act or Rules	Prone		Provision	Sl.No.8 Col.2 3rd line page-142
SCALE-K				
Examination and ... oil ENERGY METER	INSILATING		INSULATING	Main heading page-142.
Electromagnetic.... meter	Electro-magnetic		Electro magnetic	Sl.No.1 Col.2



ii) Static.... meter	Pingis	Single	Sl.No.2 col.2 page-142
iii) Static export/import .... accuracy	2000	3000	Sl.No.10 col.3 page-142
(B) TESTING OF RELAYS:			
v) Rotor differential relay.....	Router	Rotor	Sl.No.40 col.2 page-144
(C) TESTING OF CT/PT/ TRANSFORMER/BREAKER/ LIGHTING ARRESTER ETC			
i) Voltage upto 650 volt. CT	Amps per	Ampere	Sl.No.2 Col.2 page-144
ii) Voltage above 650 volt. CT	Amps per	Ampere	Sl.No.3 col.2 page-144
	400	500	Sl.No.3 col.3 page-144
iii) Voltage above 650 volt. CT	Amps per	Ampere	Sl.No.4 col.3 page-144
iv) Intercepted capacity MOCB	Intencepted	Intercepted	Sl.No.11 col.2 page-144
(D) TESTING OF MEASURING INSTRUMENTS:			
i) Double frequency meter	Doubl	Double	Sl.No.9 col.2 page-145
ii) Phase sequence meter	sequency	sequence	Sl.No.16 col.2 page-145
iii) General	General	(H)General;	Page-146
iv) Item(v)	stoppeed	stoppered	Page-146
v) Item(vi)	Equipmant	Equipment	Page-146

The above erratum/ammdments shall be affective from  
29.3.2002.

CHIEF ELECTRICAL INSPECTOR (O

Contd...P/6.

Memo No. 2310 / Dated Bhubaneswar, the 22.6.2022

Copy forwarded to the Principal Secretary to Government of Orissa, Department of Energy, Bhubaneswar for information. The above Notification may please be approved and sent to , Director Printing Stationary and Publication, Orissa, Cuttack for publication in the Orissa Gazette.

CHIEF ELECTRICAL INSPECTOR (O).

Memo No. 2311 / Dated Bhubaneswar, the 22.6.2022

Copy to all Electrical Inspectors/ Deputy Electrical Inspectors/ Asst. Electrical Inspectors for information & necessary action.

CHIEF ELECTRICAL INSPECTOR (O).