

GOVERNMENT OF NAGALAND
ELECTRICAL INSPECTORATE
NAGALAND: KOHIMA



ANNUAL ADMINISTRATIVE REPORT
2023-24

CONTENTS

1. Introduction
2. Organizational Setup
3. Functions
 - A. Electrical Inspections
 - B. Licensing Board
 - C. Electrical Accidents
 - D. Conservation of Energy
4. Status Report of Electrical Inspectorate
 - A. Year wise electrical installation inspections
 - B. Year wise issue of Licenses (cumulative)
 - C. Year-wise revenue collection figure
 - D. Year-wise Electrical Accident report
5. Photo Gallery

1. INTRODUCTION

The Electrical Inspectorate is a statutory body constituted under the provision of erstwhile Indian Electricity Act, 1910 (now as the Electricity Act, 2003) and was notified in the State of Nagaland in March 2003. It was created primarily for the administration of the Electricity Act and Rules.

The main function of the Electrical Inspectorate is to ensure that all electrical installations in the state are installed and maintained as per the relevant Safety Codes prescribed under Indian Standards and the Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2023 and ensuring the safety requirements in Generation, Transmission, Distribution, and Utilization of electrical power.

At present, the Chief Electrical Inspector is also the Chairman of Nagaland Electrical Licensing Board constituted by the Govt. under erstwhile rule 45 of the Indian Electricity Rules, 1956 - now under regulation 31 of the Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2023.

The Electrical Inspectorate collates reports on any accident occurring in connection with the generation, transmission, distribution, supply or use of electricity resulting in injury or loss of human or animal life. On direction of the government, it may conduct inquiry and submit report with a recommendations to be taken by the concern authority in order to ensure safety and strict implementation of the provision laid down under Acts, Rules and Regulations.

The Government of Nagaland has designated the Electrical Inspectorate as the Designated Agency to coordinate, regulate and enforce the provisions of the Energy Conservation Act 2001 in the state. The mission of the Nagaland State Designated Agency (NSDA) and Bureau of Energy Efficiency (BEE) is to develop policies and strategies with a thrust on self-regulation and market principles, within the overall framework of the Energy Conservation Act 2001 with the primary objective of reducing energy intensity of the Indian Economy.

2. ORGANISATIONAL SET UP

The Electrical Inspectorate, Nagaland is headed by Chief Electrical Inspector in the rank of Chief Engineer and works under the administrative control of the Department of Power, Government of Nagaland. At present the organizational set-up consists of the following.

A. The strength of the sanctioned technical post are:

1) Chief Electrical Inspector	-	1
2) Sr. Electrical Inspector in the rank of E.E(E)	-	1
3) Electrical Inspector in the rank of S.D.O(E)	-	1
4) Asst. Electrical Inspector in the rank of J.E(E)	-	1

B. The strength of the ministerial staffsare:

1) Office Supdt	-	1
2) U.D.A	-	1
3) L.D.A	-	3
4) Steno Gr-III	-	1
5) Typist	-	1
6) O/Peon	-	2
7) Chowkidar	-	1
8) V/Driver	-	3

C. Zonal Office Mokokchung.

1. Sr. Electrical Inspector	-	1	New creation No.Power/EST/08 /05/(pt)453 Dt. 31-01-2020
2. Assistant Electrical Inspector	-1	-	Do-
3. L.D.A Cum-Computer Asstt.	-1	-	Do-
4. Peon Cum-Chowkider-Sweeper	-1	-	Do-

3. FUNCTIONS

The 4 main functions of the Electrical Inspectorate are mentioned as follows;

A. Electrical Inspections

The main function of the Electrical Inspectorate is to ensure that all electrical installations in the state are installed and maintained as per the relevant Safety Codes prescribed under Indian Standards and the Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2023 and ensuring the safety requirements in Generation, Transmission, Distribution, and Utilization of electrical power.

Inspection of electrical installations is carried out under two regulations of the Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2023;

Regulation-32 : Periodical inspection & testing, and
Regulation-45 : Approval by Electrical Inspector for the installations before commencement of supply or recommencement after shutdown
for
six months

B. Licensing Board

At present, the Chief Electrical Inspector is also the Chairman of the Nagaland Electrical Licensing Board constituted by the Govt. under erstwhile rule 45 of the Indian Electricity Rules, 1956 - now under regulation 31 of the Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2023.

The functions and administration of the Board are governed by the Nagaland Electrical Licensing Board Regulations, 2005;

- a) To grant licenses to Electrical Contractors,
- b) To conduct examinations for issue of Certificates to Electrical Supervisors and Permits to Electrical Workmen, and
- c) To hear and decide the cases of violations or malpractice by Electrical Contractors, Supervisors and Workmen.

C. Electrical Accidents

The Electrical Inspectorate collates reports on any accident occurring in connection with the generation, transmission, distribution, supply or use of electricity resulting in injury or loss of human or animal life. On direction of the government, it may conduct inquiry and submit report with a recommendations to be taken by the concern authority in order to ensure safety and strict implementation of the provision laid down under Acts, Rules and Regulations.

Any electrical accident(s), as per Section 161 of Electricity Act, 2003, shall be reported to the Electrical Inspector. The rules regarding reporting of electrical accidents is governed by the Intimation of Accidents (Form and time of service of Notice) Rules, 2005.

D. Conservation of Energy

The Government of Nagaland has designated the Electrical Inspectorate as the Designated Agency to coordinate, regulate and enforce the provisions of the Energy Conservation Act 2001 in the state. The mission of the Nagaland State Designated Agency (NSDA) and **Bureau of Energy Efficiency (BEE)** is to develop policies and strategies with a thrust on self-regulation and market principles, within the overall framework of the Energy Conservation Act 2001 with the primary objective of reducing energy intensity of the Indian Economy.

The functions and objectives of the NSDA are;

- a) Specify and notify Energy Conservation Codes with respect to the use of energy in buildings,
- b) To promote awareness in respect of Energy Conservation Act, Energy Efficiency, standards, best practices etc.
- c) To reduce energy consumption in domestic sector by way of educating the users, and
- d) Arrange and organize training of personnel and specialize in the techniques for efficient use of energy and its conservation.
- e) The NSDA administers the State Energy Conservation Fund with contribution from BEE (Govt. of India) and the State Govt. to implement energy efficiency projects in the Government Sectors

Some of the achievements and activities of the NSDA are shown below;

- Promotion of Energy Conservation through advertisements, pamphlets, posters, hoardings etc.
- Translation of pamphlets/slogans on Energy Conservation.
- Demonstration Projects on Space Heating, LED Bulbs and Street Lighting.
- Has successfully taken up “**Green Village Initiative**” Program in Nagaland under State Plan.

4. Status Report of Electrical Inspectorate

A. Year wise Electrical Installation inspections: -

The year wise breakup of electrical inspections carried out are as shown below

S.No	Year	Sub-Station	Transmission Line	Distribution Transformers
1	2017-18	5	15	23
2	2018-19	0	16	24
3	2019-20	3	13	27
4	2020-21	0	7	9
5	2021-22	3	4	27
6	2022-23	6	15	24
7	2023-24 (upto Jan 2024)	8	8	10

B. Year wise issue of Licenses (cumulative) : -

The cumulative number of Electrical Contractors Licenses, Supervisors Certificates and Workmans Permit issue by the Inspectorate are shown below:

SI No	Year	Contractor Licenses	Supervisor Certificates	Workman Permits
1	2003-2004	NIL	NIL	NIL
2	2004-2005	4	NIL	NIL
3	2005-2006	NIL	NIL	NIL
4	2006-2007	NIL	NIL	NIL
5	2007-2008	NIL	23	13
6	2008-2009	12	NIL	NIL
7	2009-2010	9	NIL	NIL
8	2010-2011	24	32	94
9	2011-2012	85	48	116
10	2012-2013	92	62	253
11	2013-2014	106	62	253
12	2014-2015	106	69	253
13	2015-2016	105	215	559
14	2016-2017	213	240	654
15	2017-2018	250	255	675
16	2018-2019	262	265	688
17	2019-2020	299	290	741
18	2020-2021	309	294	748
19	2021-2022	310	294	748
20	2022-2023	310	294	748
21	2023-2024 (upto Jan 2024)	336	305	751

C. Year-wise revenue collection figure:-

Revenue earned by way of registration fees, renewal and issue of new license and inspection fees etc.

S.No	Year	Revenue Collection Amount (Rs)
1	2004-2005	1,05,830.00
2	2005-2006	1,07,900.00
3	2006-2007	80,430.00
4	2007-2008	1,51,490.00
5	2008-2009	2,69,600.00
6	2009-2010	3,68,860.00
7	2010-2011	3,81,980.00
8	2011-2012	2,85,820.00
9	2012-2013	4,62,610.00
10	2013-2014	3,75,450.00
11	2014-2015	2,68,355.00
12	2015-2016	4,32,430.00
13	2016-2017	5,37,790.00
14	2017-2018	5,39,140.00
15	2018-2019	5,74,400.00
16	2019-2020	4,42,860.00
17	2020-2021	3,27,000.00
18	2021-2022	3,27,210.00
19	2022-2023	3,86,270.00
20	2023-2024 (upto January 2024)	4,78,270.00

D. Year-wise Electrical Accident report

The year-wise number of electrical accidents reported are shown below;

S.No	Year	Fatal	Non-fatal	Total
1	2000-2001	7	8	15
2	2001-2002	4	9	13
3	2002-2003	2	6	8
4	2003-2004	8	3	11
5	2004-2005	0	3	3
6	2005-2006	3	5	8
7	2006-2007	1	6	7
8	2007-2008	3	5	8
9	2008-2009	3	4	7
10	2009-2010	2	1	3
11	2010-2011	4	6	10
12	2011-2012	1	4	5
13	2012-2013	2	2	4
14	2013-2014	3	5	8
15	2014-2015	NIL	5	5
16	2015-2016	NIL	2	2
17	2016-2017	3	NIL	3
18	2017-2018	2	7	9
19	2018-2019	2	3	5
20	2019-2020	3	4	7
21	2020-2021	6	1	7
22	2021-2022	2	NIL	2
23	2022-2023	2	NIL	2
24	2023-2024 (upto Jan 2024)	NIL	NIL	NIL

PHOTO GALLERY



School Level Energy Conservation Awareness Programme





State Energy Efficiency Action Plan (SEEAP) Validation Workshop



Energy Conservation Building Code (ECBC) Seminar



Green Village Initiative

