

DEPARTMENT OF ELECTRICAL INSPECTORATE

ANNUAL ADMINISTRATIVE REPORT 2022-23



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ELECTRICAL INSPECTORATE 2022-23

CREATION OF ELECTRICAL INSPECTORATE

1. In concurrence of the P&AR and Finance Department U/O No: 1066 dt. 06.03.2003 and RFC/ESTT/No 5/7 dated 27.03.2003 respectively, Govt. of Nagaland has notified for creation of an Electrical Inspectorate under the Power Department vide Notification No. EI/EST/91/83 dated 31.03.2003. Accordingly a new Directorate namely Department of Electrical Inspectorate started functioning with effect from 9th September 2005 with the Chief Electrical Inspector as Head of the Department under chargeable Head of account under major head 2045.

2. Organizational Set-up.

The Electrical Inspectorate, Nagaland is headed by Chief Electrical Inspector in the rank of Chief Engineer. 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 staffs are:

| | | |
|-----------------|---|---|
| 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)4 53 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

Besides normal administration and establishment, following functions are being looked after by Electrical Inspectorate.

A. Administration of the Provisions of Indian Electricity Acts and Rules

- 1) Periodical inspection of installations of the licensees, HT consumers and medium voltage consumers.
- 2) Inspection and approval of the methods of construction of high/extra high voltage installations.
- 3) Inspection and issue of permission for commissioning of new HT installation including overhead lines.
- 4) Recovery of inspection fees.

B. Administration of the Provisions of Licensing Board (Electricity) Regulation.

- 1) To conduct examination for issuing Electrical Supervisor Licenses and Wireman Permits.
- 2) To issue and renew Licenses after a certain time interval.
- 3) To investigate complaints against Contractors and their Staff.

C. Prevention and investigation of Electrical Accidents and Examination of the causes leading to such accidents.

D. Administration of the Provisions of the Energy conservation Act 2001.

The Department of Electrical Inspectorate, Nagaland as the State Designated Agency on Energy Conservation, cooperates, regulates and enforces the Provisions of the Act.

4. Energy Conservation Act 2001

For efficient use of Energy and its conservation and for matters connected therewith or incidental thereto, this act came into force on the 1st March 2002 and Energy Conservation Act 2001 (52 of 2001).

The Act has far reaching impact cutting across all productive sectors of the economy by generating direct monetary benefits for industry and also helps the common citizens through use of Energy Efficient appliances in households. Savings generated out of these measures are then ploughed into other vital areas like rural employment, rural infrastructure and health & sanitation. Also, the increase in cost efficiency resulting from Energy Conservation has promoted exports by raising competitiveness of various goods.

It provides a legal framework to enable the economy to be Energy Efficient and envisages promotion of competition, sharing information, creating awareness and motivating stake holders for efficient use of energy. It encourages a transparent, self regulatory mechanism and the use of marked incentives to promote Energy Efficiency while carefully avoiding intrusive regulatory mechanism.

‘Energy’ means any form of Energy derived from fossil fuels, nuclear substance or materials, hydro-electricity and includes electrical energy or electricity generated from renewable sources of energy or biomass connected to the grid. Section 2 (h) of the Energy Conservation Act 2001.

5. Nagaland State Designated Agency (NSDA)

“The State Government may by notification in consultation with the Bureau of Energy Efficiency, designate any agency as the State Designated Agency to coordinate, regulate and enforce provision of this Act within the State”, Section 15 (d) of the Energy Conservation Act 2001. In this regard, the Department of Electrical Inspectorate was designated as the Designated Agency for coordination and regulations of the Energy Conservation Act 2001 vide Govt. Notification No. PWR/W-59/2009 (Pt) dt.Kohima 3rd November 2009. The mission of State Designated Agency (SDA) 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 Objectives of the SDA are:

- A. Specify and notify Energy Conservation codes with respect to the use of energy in the buildings.
- B. Direct every owner of a building or building complex being a designated consumer to comply with the provisions of Energy Conservation building codes.
- C. To promote awareness in respect of Energy Conservation Act, Energy Efficiency, standards, best practices etc.
- D. To reduce energy consumption in domestic sector by way of educating the users.
- E. Arrange and organize training of personnel and specialize in the techniques for efficient use of energy and its conservation.

6. State Energy Conservation Fund

The Department of Electrical Inspectorate is designated as State Designated Agency under Energy Conservation Act 2001 to carry out various programmes in this hour of alarming Global Climate Change on Energy Conservation and Efficiency activities in the State like holding Seminars, Workshops, awareness campaigns, essay writing competitions and distribution of brochures, leaflets in different Naga dialects and also take up Demonstration Projects in the State like high impact value Energy Efficiency Street lighting, Space Solar Heating, Energy auditing and LED Village Lighting with a limited support from Bureau of Energy Efficiency.

Presently an aggressive Energy Saving Plan is being taken up by the Nagaland State Designated Agency under the guidance of Bureau of Energy Efficiency and National Productivity Council of India in domestic and Building sectors and other related activities. The State Designated Agency has implemented “**Green Village Initiative**” a flagship program of Government of Nagaland and has been earmarked for Demonstration Project in 10 (ten) villages in Nagaland during the current financial year to showcase and educate the people on Energy Conservation and its efficient use, besides free distribution of Energy Efficient LED bulb, LED Tube, LED Streetlight etc. to the villagers.

7. Achievements and Activities of NSDA

- Promotion of Energy Conservation through advertisements, pamphlets, posters, hoardings etc.

- Translation of pamphlets/slogans to local dialects on Energy Conservation.
- Demonstration Projects on Space Heating, LED Bulbs and Street Lighting.
- Has successfully taken up “**Green Village Initiative**” Program in Nagaland

8. Status Report of Electrical Inspectorate

There are altogether 310 nos. of registered Electrical Contractor, 294 nos. of Electrical Supervisor and 748 nos. of Electrical Wireman.

Supervisor License and Workman Permit License has been issued by way of written exam & oral interview.

Detail year wise breakups are given below.

| Sl No | Year | Contractor License | Supervisor Certificate License | Workman Permit License |
|-------|-----------|--------------------|--------------------------------|------------------------|
| 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 |

9. Revenue collection figure

Electrical Inspectorate has a small revenue collection cell, which is earned by way of registration fees, renewal and issue of new license and inspection fees etc.

| Year | Revenue Collection Amount (Rs) |
|-----------|--------------------------------|
| 2004-2005 | 1,05,830.00 |
| 2005-2006 | 1,07,900.00 |
| 2006-2007 | 80,430.00 |
| 2007-2008 | 1,51,490.00 |
| 2008-2009 | 2,69,600.00 |
| 2009-2010 | 3,68,860.00 |
| 2010-2011 | 3,81,980.00 |
| 2011-2012 | 2,85,820.00 |
| 2012-2013 | 4,62,610.00 |
| 2013-2014 | 3,75,450.00 |
| 2014-2015 | 2,68,355.00 |
| 2015-2016 | 4,32,430.00 |
| 2016-2017 | 5,37,790.00 |
| 2017-2018 | 5,39,140.00 |
| 2018-2019 | 5,74,400.00 |
| 2019-2020 | 4,42,860.00 |
| 2020-2021 | 3,27,000.00 |
| 2021-2022 | 3,27,210.00 |
| 2022-2023 | 3,86,270.00 |

10. Electrical Accident report

As per Indian Electricity Rule 44A, all Electrical Accident shall be sent to Electrical Inspector with written report along with prescribed Annexure III Form by respective Electrical Division after which inspection has been carried out by the Inspectorate cell.

| Year | Fatal | Non-fatal | Total |
|-------------|--------------|------------------|--------------|
| 2000-2001 | 7 | 8 | 15 |
| 2001-2002 | 4 | 9 | 13 |
| 2002-2003 | 2 | 6 | 8 |
| 2003-2004 | 8 | 3 | 11 |
| 2004-2005 | 0 | 3 | 3 |
| 2005-2006 | 3 | 5 | 8 |
| 2006-2007 | 1 | 6 | 7 |
| 2007-2008 | 3 | 5 | 8 |
| 2008-2009 | 3 | 4 | 7 |
| 2009-2010 | 2 | 1 | 3 |
| 2010-2011 | 4 | 6 | 10 |
| 2011-2012 | 1 | 4 | 5 |
| 2012-2013 | 2 | 2 | 4 |
| 2013-2014 | 3 | 5 | 8 |
| 2014-2015 | NIL | 5 | 5 |
| 2015-2016 | NIL | 2 | 2 |
| 2016-2017 | 3 | NIL | 3 |
| 2017-2018 | 2 | 7 | 9 |
| 2018-2019 | 2 | 3 | 5 |
| 2019-2020 | 3 | 4 | 7 |
| 2020-2021 | 6 | 1 | 7 |
| 2021-2022 | 2 | NIL | 2 |
| 2022-2023 | 2 | NIL | 2 |

PHOTO GALLERY