



**TRIBHUWAN UNIVERSITY
INSTITUTE OF ENGINEERING
PULCHOWK CAMPUS
LALITPUR, NEPAL**

Report On EPP (NEC & NEA)

Submitted By

Abhash Acharya

Aayush Phuyal

Anupam Bhattarai

Avinab Malla

Submitted To

Nagendra Raj Sitoula

Department of Civil Engineering

Pulchowk Campus, Lalitpur

Nepal Engineering Council

Background

It can be said that Nepal entered a modern phase in engineering after the political change in the sixties. Engineering activities began to contribute to the development of the country and the engineering profession started to gain respect in the society. The engineering community began to grow in number and was involved in all spheres of national development and engineers were allowed to compete in administrative service also for the post of secretary. Furthermore, the introduction of democracy in 1990 encouraged the growth of engineering colleges in Nepal and the enrolment of students into these engineering colleges was rising very fast. Hence it was expected that nearly 3000 engineers would be graduating from local engineering colleges every year with nearly an equal amount graduating from colleges abroad. So, a need was felt for an organization to manage the engineering profession. Therefore, to make the engineering profession more effective, Nepal Engineering Council was formed under the Nepal Engineering Council Act, 2055 promulgated by His Majesty the King on B.S. 2055/11/27 (11th March, 1999 A.D.). As per the Act, NEC has been vested with the statutory authority for the planning, coordinated development and monitoring of engineering profession and education in the country. NEC Act 2055 gives an outline on the formation of the Council, its tenure and the roles and responsibilities of the Chairman, Vice Chairman and the Registrar.

Nepal Engineering Council Rules, 2057 has also been prepared and approved by His Majesty's Government as per the provision of Clause 37 of the Act. It defines the registration of engineers into three categories as well as the formats for application:

- a) General Registered Engineer
- b) Professional Engineer
- c) non - Nepali Registered Engineer

NEC Rules 2057 also lays down the professional code of conduct for engineers registered with the Council. The first Executive Council was formed on Magh 2056 under the chairmanship of Er. Ram Babu Sharma and completed its tenure on Magh 2060.

OBJECTIVES:

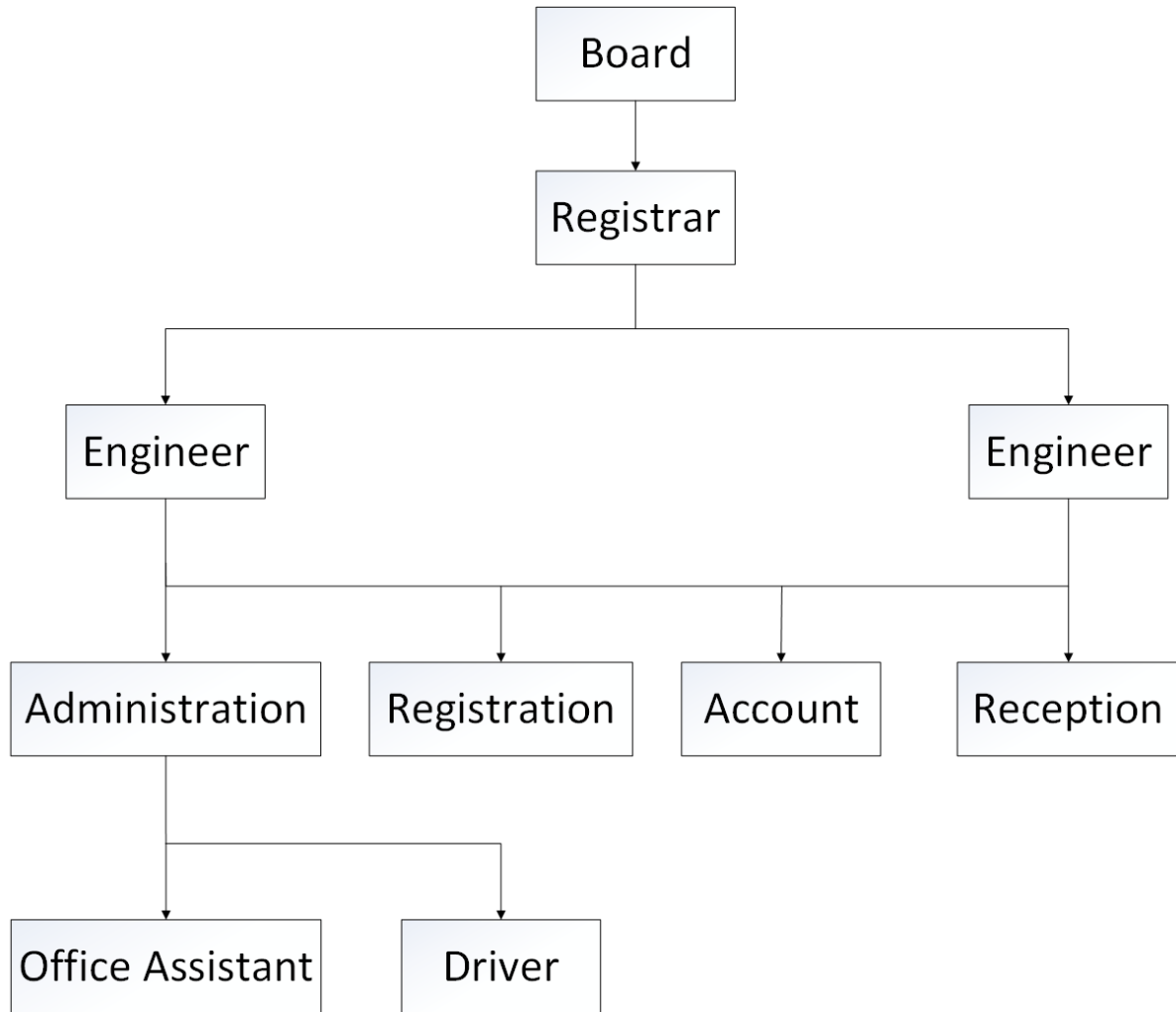
The objective of Nepal Engineering Council is to make the engineering profession effective by mobilizing it in a more systematic and scientific and also to register the engineers as per their qualifications. Its duties and responsibilities are:

- 1) To prepare policies, plans and programs for the smooth functioning of the engineering profession and to execute them
- 2) To set norms and standards for engineering education in Nepal
- 3) To grant permission and approval to carry out engineering education to those engineering colleges and institutions that meet the required norms and standards and to honor their degrees and certificates
- 4) To monitor and inspect the quality of engineering education provided by the engineering colleges and institutions
- 5) To fix the qualification necessary in order to practice engineering profession and to register their name in the Council
- 6) To remove their name from the registration of the engineering council if found to violate the code of ethics.

Vision:

The vision of NEC is to make the engineering profession effective by mobilizing it in a more systematic and scientific and also to register the engineers as per their qualifications.

Organizational Chart



Contact Address

Nepal Engineering Council

Naxal, Kathmandu

Phone no. :4420655, 4420656

Email address : necgov@ntc.net.np

Nepal Engineering Association

Introduction

Nepal Engineers' Association (NEA) is an independent nonprofit organization of Nepalese engineers, registered under the Social Service Act of the Government of Nepal. It was established in 1962. Today, it represents 19792 engineers, belonging to various engineering disciplines including architects, civil, electrical, mechanical, electronics etc and coming from both the public and private sector economies. NEA is governed by an elected executive council of 15 members, led by the President of the association for a tenure of two years. NEA's mandates include promoting fellowship goodwill and cooperation assistance among the Nepalese engineers, safeguarding their rights and interests and promoting development of science and technology. Lately NEA has established centers for Continuous Engineering Education (NEA CCEE) and the Business Incubation Center (NEA BIC) to address respectively the CPD requirements for professional enhancements and to promote entrepreneurship capabilities among the young engineers.

NEA facilitates and coordinates the professional activities of the independent subject specific professional societies namely that of Agricultural Engineers (NSAE), Architects (SONA), Arbitrators (NEPA), Computer Engineers (ACEN), Electrical and Communication Engineers (SECEN), Electrical Engineers (SEEN), Irrigation Engineers (SIREN), Mechanical Engineers (SOMEN), Public Health Engineers (SOPHEN), Structural Engineers (SEANep), Technical Auditors (SOTAN), Regional & Urban Planners (RUPSON), Rural Development Engineers (SERDEN), Value Engineers (NVA) and Society of Consulting Engineers and Architectural Firms (SCAEF).

NEA has also been at the forefront of developing fellowship and goodwill with international engineering associations and institutions. Presently, NEA is a member of World Federation of Engineering Organizations (WFEO) and was instrumental in the establishment of Federation of Engineering Institute of South and Central Asia (FEISCA). NEA has recently joined the Asian Civil Engineering Coordinating Council (ACECC) and have functional bilateral relations with Institution of Engineers Bangladesh, India, Malaysia, Pakistan, Sri Lanka, Institution of Civil Engineers (ICE-UK), American Society of Civil Engineers (ASCE), Japanese Society of Civil Engineers (JSCE) and the Korean Society of Civil Engineers (KSCE).

In the aftermath of the disastrous 7.8 magnitude earthquake of April 25, 2015, NEA had been instrumental in massive mobilization of around 3,500 engineers to conduct Rapid Visual damage Assessment of more than 65,000 affected buildings free of cost. Through partnership with Government of Nepal, UNDP and other academic institutions and professional societies, the NEA CCEE has been contributing towards enhancing the professional skills of engineers for undertaking post seismic assessment, repair and strengthening of damaged buildings. NEA is also engaged in supporting the reconstruction efforts by engaging in mason training on earthquake resistant construction and design competition for suitable model housing designs.

Objective

To promote development of the engineering science and technology in Nepal.

To promote fellowship goodwill and cooperation assistance among the Nepalese engineers and safeguard their rights and interests.

By utilizing, to the highest extent possible, the participation of the national engineering manpower of the country in the national development activities of Nepal, make effort towards ending foreign dependency in this regard.

To continuously enhance the highest professional ideals among the members and widen it.

To develop relations, fellowship and goodwill with international engineering associations and institutions.

Contact Address

Nepal Engineering Association

Pulchowk, Lalitpur

Phone: 00977-1-5010251, 5010252

Fax: 00977-1-5010253

Website: <http://www.neanepal.org.np>

Email: nea24@mail.com.np, info@neanepal.org.np

List of government act concerning to engineering Profession:

- **Nepal Engineering Council Act**
- **Labor Act, 2048**
- **Arbitration Act, 2055**
- **Public Procurement Rules, 2064**
- **Public Procurement Act, 2063**
- **Company Act, 2055**
- **Private Firm Registration Act, 2022**
- **Copyright Act, 2022-2059**
- **Design Patent & Trade Mark Act, 2052**