



THE PRACTICE OF REGISTERED MASTER ELECTRICIAN



THE BASIC DEFINITIONS OF JOB TITLES



THE SCIENTIST

A person is engaged in **investigating, discovering**, and explaining why things appear or happen as they are, and then formulating **theories, principles** or course of action, that person is doing scientific work. He is normally called a **scientist** in doing his job. A person need not have a PhD in any discipline to be called a scientist. There are many scientist even in large research organizations that do not have a PhD. just as there are many PhD's that are not scientists. Not all people doing research work are scientist.



THE ENGINEER

A person who uses his **scientific knowledge** (theories in basic sciences) in getting things done or in **translating theories** into practical things. An engineer put into **practice, applications, theories, data and formulas** discovered by scientists. An engineer **designs things, devices, gadgets, structures, systems, formulate procedures, and or make plans** on how to resolve non-recurring technical problems. **Recurring or predictable problems** are generally handled by a **technician** based on the designed action plans made by the engineer.



THE TECHNICIAN

A person who is familiar and good in the **technique or art of doing things** designed and formulated by the engineers or scientists. A technician is an **artist, a craftsman, a skilled worker** belonging to a discipline. He generally **operate, maintain, monitor, repair machines, equipment, devices, gadgets, and systems**. He **works** very closely with **engineers**. They are the extra hands of the engineers or scientists.



MASTER ELECTRICIAN LICENSING IN THE USA

MASTER ELECTRICAL LICENSURE IN UNITED STATES OF AMERICA



Electrician Licensing in the USA

	Individual Licenses	OJT Hours	Training Supervision	License / Experience Requirement
1	Master Electrician	12,000	Master Electrician	Journeyman Electrician for two (2) Years
2	Master Sign Electrician	12,000	Master Electrician or Master Sign Electrician	
3	Journeyman Electrician	8,000	Master Electrician	Not Equivalent to Journeyman Lineman
4	Journeyman Sign Electrician	8,000	Master Electrician or Master Sign Electrician	
5	Journeyman Lineman	7,000	Journeyman Lineman	Journey Lineman from DU, EC, Municipal Utility, Electrical Contractor for 3½ Years
6	Residential Wireman	4,000	Master Electrician or Residential Wireman	
7	Maintenance Electrician	8,000	Master Electrician or Maintenance Electrician	
8	Residential Appliance Installer	None	Residential Appliance Installer	At-least 16 Years Old
9	Electrical Apprentice	None	Master Electrician	At-least 16 Years Old
10	Electrical Sign Apprentice	None	Electrical Sign Electrician	At-least 18 Years Old



THE RME LICENSURE IN THE PHILIPPINES



THE RME LICENSURE

- a) Is a citizen of the Philippines;**
- b) Is at least legal years of age;**
- c) Is of good reputation with high moral values;**
- d) Has not been finally convicted by the court of an offense involving moral turpitude;**
- e) Has satisfied any of the following conditions:**



THE RME LICENSURE

1. Has completed a **four-year course in Bachelor of Science in Engineering Technology or Industrial Technology Major in Electrical Technology** from a school recognized by the Philippine government and, in addition has a subsequent specific track record of **one (1) year experience** in electrical wiring and equipment installation, operation and maintenance of power, utilization devices and equipment; or power line installation and maintenance, or substation installation, operation and maintenance;



THE RME LICENSURE

2. Has completed at least **four (4) years** of a five-year **Bachelor of Science in Electrical Engineering (BSEE)** program from an engineering school recognized by the Philippine government and, in addition has a subsequent specific track record of **one (1) year experience** in electrical wiring and equipment installation, operation and maintenance of power, utilization devices and equipment; or power line installation and maintenance, or substation installation, operation and maintenance;



THE RME LICENSURE

3. Has completed a **three-year Certificate Course in Electrical Technology** from a school recognized by the Philippine government and, in addition, has a subsequent specific track record of **two (2) years experience** in electrical wiring and equipment installation, operation and maintenance of power, utilization devices and equipment; or power line installation and maintenance, or substation installation, operation and maintenance;



THE RME LICENSURE

4. Has completed a **Senior High School** under the **K-12 Program** majoring in **Electrical Technology** from a school recognized by the Philippine government and, in addition has a subsequent specific track record of **five (5) years experience** in electrical wiring and equipment installation, operation and maintenance of power, utilization devices and equipment; or power line installation and maintenance, or substation installation, operation and maintenance;



THE RME LICENSURE

5. Has completed **secondary education** and has completed a separate but **relevant technical education and skills training program** with corresponding certificate of competency.

Provided, however, that the applicant has a specific track record of at least **seven (7) years of experience** in electrical wiring and equipment installation, operation and maintenance of power, utilization devices and equipment, or power line installation and maintenance, or substation installation, operation and maintenance.