



Haryana Skill
Development Mission

CERTIFICATION IN
CONSTRUCTION
COURSE OF

ASSISTANT ELECTRICIAN

(CON/Q0602)

About the program

This Program covers the skill and knowledge required by a workman to select and use hand, power tools and electrical devices relevant to construction electrical works, to install temporary lighting arrangement at construction sites, to assist in LV electrification works at permanent structures and to assemble, install and maintain temporary LV electrical panels (distribution boards) at construction site. It also includes, the skill and knowledge required to work effectively within a team to achieve the desired results and to plan and organize work in order to meet expected quality in established time frame and further helps an individual to work according to personal health, safety and environmental protocol at construction site. This program is designed for NSQF level 3.

Who should attend it?

Minimum Educational Qualifications: 10th Class

Minimum Age Entry: 18 years

Experience: Minimum Five years site experience for non-trained workers.

3years' experience for Construction Electrical Works Level 1 qualified

Course Duration

440 Hrs

Career Opportunities

As an Electrician, the candidate may work indoors and outdoors, independently or with other construction professionals. They are employed by electrical contractors and building maintenance departments, or they may be self-employed. They may get jobs in Real Estate (Residential, Commercial & Institutional), Infrastructure (Roads, Railways, Bridges, Runways & Industrial Units) or Power Generation (Hydro, Thermal & Nuclear).

Industry overview

The construction industry is the second largest industry in India after agriculture. It accounts for about 11% of India as GDP. It makes significant contribution to the national economy and provides employment to large number of people.

Construction Electrical Works involves laying of cables/ wires from power source to desired equipment's, installation and maintenance of common electrical equipment's and machineries at construction sites. It also includes installation and maintenance of LV wiring and electrical fixtures at industrial, residential and commercial buildings.



Point of Contact

www.hsdm.org



CERTIFICATION IN
CONSTRUCTION
COURSE OF

**RURAL
MASON**
(CON/Q3603)

Industry overview

The construction industry is the second largest industry in India after agriculture. It accounts for about 11% of India as GDP. It makes significant contribution to the national economy and provides employment to large number of people. Construction refers to building of different types of structures. The sector comprises of many small, medium and large industries or companies that involve in many different types of projects in the construction sector creating a diverse but specific requirement of workmen.

The construction sector can be broadly classified in two sub sectors, namely:

1. Real Estate and Infrastructure construction: This sub sector comprises of all the works that are required for construction of all types of infrastructure and real estate projects. Infrastructure projects are those that directly or indirectly affect the growth of the nation e.g. Roads, airports, railway bridges, dams, power plants, metros, industries etc. The real estate projects are those which are mainly focused on providing residential and commercial workplaces to all categories of people e.g. residential towers, independent houses, malls, sports complex etc.
2. Rural Construction: This sub sector focuses on the constructional requirements of rural India and includes construction of rural households, warehouses, village roads etc.

About the program

The Program includes the skills and knowledge required by a workman to mark layout for foundation, walls, soak pit/septic tank and monitor earthwork activities for rural construction. The Program also the skills and knowledge required by a workman for building various masonry structures using brick / block for rural construction and fix ready-to-install doors and windows. It also includes the skills and knowledge required by a workman for constructing various masonry structures using random rubble in rural construction. Further, the Program also covers the skills and knowledge required by a workman to carry out IPS flooring in rural construction and the skills and knowledge required by a workman to carry out reinforcement steel works for R.C.C structures in rural construction. The Program also focuses on skills and knowledge required by a workman to carry out shuttering works for RCC structures in rural construction and the skills and knowledge required by a workman to carry out manual concreting in rural construction.

Course Duration

408 Hrs

Who should attend it?

Minimum Educational Qualifications: Preferably 5th Standard with 2 years site experience in same occupation for Non trained worker

Career Opportunities

After completion of the course, he may be employed in any construction company and may also carry out shuttering works for R.C.C structures in rural construction. He may work for building brick / block masonry structures for rural construction. He may be responsible for selection and use of tools and equipment and construct masonry structure using brick/block for rural construction.

