

"VALIDATION MEET FOR QUALIFICATION PACK FOR DOMESTIC ELECTRICIAN"



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ISLE CSC organized jointly with Electronics Sector Skills Council of India (ESSCI : Government of India), one day Workshop on "Validation meet for Qualification Pack for Domestic Electrician" on Tuesday, the 16th May, 2017 from 11.00 am to 03.30 pm) in Dr. B R Ambedkar Hall, 2nd Floor, Nizam Palace, Kolkata 700020 (photo of the workshop is enclosed).

The course content / presentation (hard copy) was handed over to all the 21 participants, who were mostly Electrical Contractors.

Under NSDC and Ministry of Skills Development and Entrepreneurship, these National level Qualifications are being developed for roll-out across technical training institutes in India, both in the private and public sector. The standards are detailed competency based standards, outlining practical outcomes and knowledge requirements for every job role

across the sector. Existing workers in these roles will be allowed to acquire these qualifications through an RPL (Recognition of Prior Learning) scheme as well.

This was a very interesting interactive Workshop, where a very positive feedback received from the participants was noted down by ESSCI., who would incorporate the following points in the future proceedings:

1. Understanding of electrical circuits viz, single phase, three phase, balanced and unbalanced system, phase sequence, etc.
2. Knowledge of electrical parameters viz, Voltage, Current, frequency, power factor, load, etc.
3. Knowledge of understanding and use of various electrical instruments.
4. Knowledge of different hand tools required for execution of work.
5. Understanding and reading electrical circuit diagrams.

6. Knowledge in determination of load in the proposed network.
7. Knowledge of electrical equipment viz, Switchgears, Transformers, Low tension circuit breakers, cables, MCCBs, MCBs, ELCCBs, RCCVs, capacitor banks etc.
8. Knowledge in determination of load for individual electrical gadgets.
9. Technique in laying and termination of LT power and control cables.
10. Installation of earthing system of the entire electrical installation.
11. Knowledge of overall electrical safety rules and regulations.
12. Knowledge of drawing single line electrical network after installation, i.e., "As Built Drawing"
13. Knowledge of submission of test form for new connections.
14. Knowledge of periodic maintenance of electrical equipment.