SOLAR PV SYSTEM INSTALLATION ENGINEER

CURRICULUM/SYLLABUS

This program is aimed at training candidates for the job of a "Solar PV System Installation Engineer", in the "Energy" Sector/Industry and aims at building the following key competencies amongst the learner

1. Assess customer's PV system requirement	2. Plan and arrange for installation
3. Coordinate with colleagues at work	4. Ensure safety at workplace

This course encompasses 4 out of 4 National Occupational Standards (NOS) of "Solar PV System Installation Engineer- " ELE/ N590 Qualification Pack issued by "Electronics Sector Skills Council of India (ESSCI)".

S. No	Topic/Module	Duration (in Hours)	Key Learning Outcomes	Corresponding NOS Code
1	Assess customer's PV system requirement	33	• Understand the work requirement • Engage with customers to understand their requirement • Visit and evaluate the site for installation • Assess the photovoltaic system required • Assess the cost of system installation • Ensure quality, standards and regulatory requirement are adhered	ELE/N5903
2	Plan and arrange for installation	36	• Design the solar power system • Decide the Photovoltaic system components to be installed • Finalise the plan and arrange for installation • Supervise the installation activity • Report and document completion of work • Ensure quality and safety procedures are followed	ELE/N5902
3	Coordinate with colleagues at work	12	• Interact with supervisor or superior • Coordinate with colleagues	ELE/N9952
4	Ensure safety at workplace	16	• Follow standard safety procedures while handling an equipment • Participate in company's safety drills and workshops	ELE/N9953

Total Programme Duration: **97 Hours**