Majid Inanloo

Azimieh, Karaj, Alborz | Age:27 | (C) 09367226186 | inanloo68@yahoo.com

Summary

- Highly organized and independent
- Flexible and analytical with a keen eye for details

Education

MSc. Electrical Power Engineering- Sistan and Baluchistan University   2014

Thesis title: Optimal Charging of Plug-in Hybrid Electric Vehicles in Charging Station with CHP

BSc. Electrical and electronics engineering- Islamic Azad University of Karaj   2012

Thesis title: Control and simulation of power plants with MATLAB

Work History

➢ Quality Assurance Engineer   5/2015 to 10/2015

T.M.B (Tolid Malzoomat Bargh Co.) - Karaj

- Electrical tests of Low-Voltage and Medium-Voltage Switchboards

➢ Electrical Engineer   1/2014 to 5/2014

Green Energy Co. - Tehran

- Design, Supply, Installation and Commissioning of solar power plant

➢ Quality Assurance Engineer   6/2012 to 8/2012

Jaboun Co. - Karaj

- Electrical tests of Low-Voltage Switchboards

➢ Electrical Engineer   1/2012 to 3/2012

T.E.T.A (Tavan Tajhiz Asia) - Karaj

- Electrical Tests and Maintenance of Transformers and Generators.

➢ Electrical engineer-Operation and Maintenance unit   7/2009 to 9/2009

MAPNA Generator Engineering and Manufacturing Co. (PARS) - Karaj

- Troubleshot electrical equipment problems such as LV switchgear

Software Skills

- Matlab
- Autocad
- EPLAN
- ETAP
- Pspice

- Proteus
- PVsyst
- PVSOL
- Homer
- Psim

Certifications

-**Expertise in electrical switchgear design for 104 hours from MEM Institute (Taali Danesh Sharif Institute)**

- Fundamentals of electrical switchgear
- Electrical specification of MV & LV switchgear
- Mechanical specification of MV & LV switchgear
- Equipment of MV & LV switchgear (LV CB, MV CB, Fuse,…)
- Designing of MV & LV Panels
- Control Diagrams, Schematic Diagrams & Logic Diagrams Designing of switchgears
- Introduction to protection and ANSI Code
- Type test, Routine test and commissioning of panels
- ETAP software (Load Flow, Short Circuit and coordination studies)
- Eplan software

-**Design and operation of solar power systems with PVsyst for 24 hours from Metaco Training Center:**

- Types of solar power plants
- Review the advantages and disadvantages of solar power plants
- Introducing components of solar power plants
- Technical requirements of solar power plants
- Rules and regulations related to solar power plants
- Technical and economical evaluation of solar power plant using Retscreen software
- Analyses of several solar power plants with PVsyst

Project: Feasibility study of PV power plant construct with 1 MW nominal capacity power production with PVsyst and PVSOL

Language skills

- English (Good)
- French (Familiar)