# EXPERIENCE



### ELECTRICAL DESIGN ENGINEER, HAMPA ENERGY ENGINEERING AND DESIGN COMPANY (HEDCO)

Shiraz, Fars, Iran — October 23, 2015 – Present

**Peyman**

**Contact Information**

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## Personal Information

Nationality: Iranian Date of birth: July 29, 1989

Marital status: Single Gender: Male

## About Me

As an electrical engineer, I am completely prepared, confident and eager to take responsibilities regarding my field of studies and my working experiences. I am familiar with related IEC, IEEE and IPS standards. I learned more about electrical systems in petrochemical plants when I was in ANS in south pars phases 15 &

16. After that, I started with detail engineering design in HEDCO, and continued with reviewing documents, preparing

HAMPA Energy Engineering and Design Company, HEDCO, relying on vast experiences of its knowledgeable experts in the execution of oil, gas and petrochemical projects, has been certified as Level 1 Consulting company in the Branch of “Oil , Gas & Petrochemical” by MPO of Iran.

#### Accomplishments:

* Overall, MV and LV single line diagrams
* Load List and Cable List
* Specifications and Datasheets (for Transformer, Diesel Generator, UPS, Charger, Electromotor)
* Indoor/ Outdoor Lighting Calculation and Layout
* Earthing System Calculation and Layout
* Material Take Off for Distribution Panels, Lighting System, UPS and DC Charger
* Review and check of Vendor’s Documents for Compressors and Pumps in cooperation with Mechanical, Process and Instrumentation Engineers
* Technical Bid Evaluation for UPS, DC Charger, MV and LV panels, LV Distribution Panels, Lighting Equipment

**ELECTRICAL INSPECTOR, ARIA NAFT SHAHAB (ANS)**

Asaluyeh, Bushehr, Iran—August 23, 2014–September 16, 2015

A consortium of Iranian companies, headed by Aria Naft Shahab Co., were operating the offshore and onshore development at South Pars phases 15 and 16 which were aimed at producing

56.6 mcm/d of natural gas, 75,000 barrels of gas condensates, and 400 tons of sulfur per day.

#### Accomplishments:

* Performing quality control inspections of Electrical and Instrumentation Construction installation activities
* Familiar with quality control inspections of Fire & Gas detection and communication system
* Performing electrical tests such as Megger, High-pot and continuity test
* Familiar with P & ID, PFD and Logic diagram
* Basic familiarity with the process of gas refinery

MRs and TBEs in petroleum and petrochemical projects. Professional team work is what I highly appreciate.

## Computer Skills

ICDL **●●●●●●●**

AutoCAD **●●●●●** MATLAB & Simulink **●●●●●●** DigSILENT & DPL **●●●●●●** DIALux **●●●●●●●**

ETAP **●●●●●**

ePLAN **●●●●**

AVEVA pdms **●●●●**

## Languages

Farsi (Native)

Fluent in English speaking and writing

# EDUCATION

### MASER OF SCIENCE (MS)

**ELECTRICAL AND POWER SYSTEMS ENGINEER**

**Birjand University**— 2011-2013

Thesis: Facilitating the presence of wind power generation in power system using demand side management and energy storage system

### BACHELOR OF SCIENCE (BS)

**ELECTRICAL AND ELECTRONICS ENGINEER**

**Shiraz University** — 2007-2011

Thesis: Probabilistic analysis of short-circuit current in transmission lines with DigSILENT programming Language (DPL)

# PUBLICATIONS

* The effect of cooling loads management on electric power supply system of Kerman province by the year 2031." Environmental Progress & Sustainable Energy (2016).
* Increasing Wind Power Generation Using Demand Side Management, 3th Annual Clean Energy Conference (ACEC2013), Kerman, Iran
* Impacts of demand side management on reliability of generation systems containing wind power, 3th Annual

Clean Energy Conference (ACEC2013), Kerman, Iran

* Demand side management of heating, ventilation and air conditioning loads, 28th International Power Systems Conference, 2013, Tehran, Iran.
* Increasing Wind Power Profitability Using Demand Side Management, 3th Regional Conference on Electricity Distribution (CIRED) 2014, Tehran, Iran.