

# Mohsen Ismaili

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## Qualifications

- **Excellent knowledge of installation and maintenance of electrical systems and equipment**
- **Understand all electrical engineering applications**
- **Ability to work in groups on group projects**
- **Excellent communication skills while working with others**
- **Mastery of computer technology and mathematics**
- **Ability to read or write diagrams and instructions for electrical panels or equipment**

## Experiences and work history

***From 08/01/2017 until now: Cooperation with Pars Sarayeh Equipment Industries Company in the second phase of Kaveh South Kish Steel project, installation of the second phase of steelmaking, installation of the second phase of water treatment (WTP) and installation of the second phase of oxygenation of Kaveh South Kish Steel, Bandar Abbas, as an electromechanical supervisor.***

- ❖ Sufficient experience in connection with the installation of electromechanical equipment and processes related to executive activities
- ❖ Familiarity with IEC standards and performing electrical tests on equipment such as MV cables, LV and electrical tests of power transformers, electric motors, compressors
- ❖ Installation of hydraulic and pneumatic equipment
- ❖ Installation of ASP motors and compressors
- ❖ Installation of electrical equipment such as power transformers, LV and MV panels
- ❖ Mastering all types of instrumentation equipment and their installation method in accordance with P&ID and hook-up
- ❖ Ability to troubleshoot installation (Troubleshooting)
- ❖ Ability to supervise and coordinate executive activities in accordance with the schedule

***From 01/09/2014 to 07/30/2017: Cooperation with Farab Company in the project of installing Persian Gulf Star oil and gas tests, Bandar Abbas, as an inspection expert for the installation of electrical equipment and precision instruments, including:***

- ❖ .Inspection of electrical equipment and parts and construction and installation activities on site
- ❖ Inspection of installation and testing of electrical cables such as LV, MV, HV and fiber optic cables in accordance with the instructions, IEC standards and executive drawings
- ❖ Preparation and inspection of electrical equipment installation panels
- ❖ Inspection of installation and electrical testing of power transformers and auxiliary transformers
- ❖ Inspection of transformer functions
- ❖ Calibration inspection of various instrumentation equipment such as PT, TT, LT, LS, etc.
- ❖ Inspection of installation of instrumentation equipment in accordance with P&ID and hook-up
- ❖ Perform instrumentation tests of instrumentation equipment

***From 11/01/2010 to 08/30/2014: Cooperation with Platform Consulting Engineers Company in the project of Siah Bisheh Dam and Pump Power Plant, Marzanabad, as an electromechanical technician, installation of electromechanical equipment, including :***

- ❖ Installation and assembly of 4 synchronous generator units (4 × 250MW Voith-Mitsubishi) and performing magnetic tests of cores and their windings.
- ❖ Installation and testing of high voltage (15.75kV / 400kV) and dry (15.75kV / 400V) transformers
- ❖ Quality control of lighting systems of power plant, installation and quality control of electrical panels, installation and inspection of ground system of power plant and dam
- ❖ Supervise the installation of spherical valves of the power plant
- ❖ Supervise the installation, cabling and electrical testing of cables
- ❖ Monitoring the installation of GIS 400kV substation equipment
- ❖ Monitoring of electrical tests at 400kV GIS substations
- ❖ Supervise the installation of electrical poles and wiring of the OPGW system
- ❖ Monitor SCADA system installation

***From 01/04/2008 to 10/30/2010: Cooperation with Tavan Gostar Daqiq Company in the Ma'areb gas substation and power plant project -Yemen, as an installation technician, including :***

- ❖ Installation of transmission network input and output line gantries
- ❖ Installation of main equipment and auxiliary post
- ❖ Installation of electrical panels and instruments in CCR
- ❖ HV, MV, LV and Instrument Cabling according Cable Rout-Section & List
- ❖ Maintenance and repairs on panels, control systems, telecommunications and lighting
- ❖ Testing and commissioning of all electrical equipment

**Education:**

- ✓ Process control technology engineering from Sapco University of Applied Sciences, Tehran, graduated in 2013
- ✓ Associate degree in Power electricity from Kamalvand Azad University, Khorramabad Branch, graduated in 2008
- ✓ Diploma in Electrical Engineering from Bamonar Vocational school

**Language:**

**English: Medium**

**German: Beginner**

**Skills:**

**Electricians Building**

**Industrial Electricians**

**Grade 2 computer user**

**PLC programmer S7200, 300 & 400 SIEMENS**

**Certificates and Awards:**

Receive a letter of appreciation from the IWPC project manager of the Black Forest Reserve Pump Power Plant project

IELTS Certificate: 4.5

Industrial electricity degree

Building electrical certificate

Computer degree

Certificate - 400 PLC S7 200-300

PLC LOGO certificate

WINCC certification