

## Payam Abdollahi

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### SUMMARY

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- **Profile** Male, 43 , Married
- **Nationality** Iranian
- **Current Location** Tehran
- **Last position** Senior Quality Control
- **Company** Enerchimi
- **Languages** Persian (native) Turkish (native) ,English (good)- IELTS General:7
- **linkedin address** <https://www.linkedin.com/in/payam-abdollahi-60797183/>

### EDUCATION

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- Sep. 2003-Oct 2005 Extractive Metallurgy, Master (MSc)  
Sharif University of Technology, Tehran, Iran,
- Sep.1998- Apr 2003 Extractive Metallurgy, Bachelor (BSc)  
Iran University of Science & Technology

### WORK EXPERIENCE

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- June 2023-towards** **Enerchimi**
- Senior Quality Control**  
Job Responsibilities:  
-Preparation and review of QC documents.  
-Review of inspection procedures based on specification and standards.  
-Review of received TCLs from vendors.  
-Inspection of equipment.

Main Activities of Company: ([WWW.ENERCHIMI.COM](http://WWW.ENERCHIMI.COM))

**Enerchimi Engineering Company** was established in July 1980 by a group of qualified and experienced executive managers of the National Iranian Oil Company with the objective of providing for its potential customers such services as Basic Design, Detail Engineering, Construction Management, Procurement, Managing Contractor (MC) and Technical Inspection in a large number of Oil, Gas, Petrochemical and Industrial Projects.

- July 2019 – June 2023** **NIPEC (NON-FERROUS INDUSTRIES PROCESS ENGINEERING &CONSTRUCTION COMPANY)**

### **Head of QC Quality**

#### Job Responsibilities:

- Documentation of the management system and product such as development of quality control forms, instructions and related procedures based on ITP
- Cooperation with the technical and engineering department in developing a product or service quality plan, including product purchase information, product control characteristics, test and inspection methods, packaging design, etc.
- Supervision on input inspections- during construction and final inspections-during production by inspectors
- Approved of quality control forms after performing the necessary controls by inspectors and third-party laboratories
- Control of non-conforming product including assigning non-conforming inputs, semi-finished product and non-conforming final product
- Communicating and reporting to beneficiaries on product or service quality issues.
- Ensuring compliance of production and manufacturing processes with Requirements
- Cooperation in the initial evaluation and performance of the organization's Suppliers
- Inspection of the construction of steel structures according to AWS D1.1 standard
- Inspection of construction of pressure vessels according to ASME standard
- Preparation and review of WPS, PQR, WQT, Weld map, NDT map, documents based on ASME, AWS, API standards.
- Bulk material inspection including nut and bolt, piping and fittings, valves, sheets, etc. according to ASTM, ASME, EN, API standards.
- Inspection during construction of equipment used in industrial projects, including expansion joint, material handling, air cooler, bin, pump, etc.
- Welding inspection including visual inspection according to ASME and AWS standards, supervision of contractor NDT tests, control of welding consumables.
- Sandblast and coating inspection.

**April 2015 –July 2019**

### **Senior QC Engineer**

#### Job Responsibilities:

- Review of drawings & Processes.
- Preparation and review of WPS & PQR documents according to related standards (ASME, AWS).
- Performing WQT (Welder Qualification Test) according to ASME IX, AWS D1.1.
- Monitoring of welding activities, fit up, NDT, raw material, hydro test, sandblast and painting, piping fittings, etc. according to the related standards and drawings. Visual inspection of weld joints according to ASME IX & AWS D1.1 standard.
- Dimensional Inspection.

Main Activities of Company: (WWW.NIPEC.COM)

**Non-Ferrous Industries Process, Engineering, and Construction Company (NIPEC)** is a privately held company based in Tehran, Iran. The company was established in December 1994, with the support and cooperation of National Iranian Copper Industries Company (NICICO) and Sarcheshmeh Copper Investment Company (SCICO).

Having been involved in a variety of fields of activity, such as consulting, engineering and design, equipment supply, implementation, and supervision and management of industrial projects' contracts for two decades, NIPEC enjoys a rich background in various industrial sectors, enabling it to provide invaluable services to a great many of industries, including but not limited to mining and metal, copper, chemical, mineral processing, petrochemical, and Oil and Gas industries.

**Aug 2007 –April 2015**

**Iranian Rail Industries Company**

Senior quality control expert

Job Responsibilities:

- Preparation of WPS, PQR, WQT
- Preparation of QC plan, instructions, check sheets, history book and documentation
- Preparation of repair and welding sequence procedures
- Reviewing of documents, certificates and test results according to standards
- Welding, dimensional and painting inspection
- Inspection of incoming materials, piping, fitting, bolt and nut, pressure vessels, etc.
- Issuing NCR & UR in case of discrepancy
- Cooperating with production and engineering teams in production process
- Failure analysis of parts and assemblies
- Set up and calibration of jigs and fixtures
- Inspection of assemblies manufactured by sub-vendors

Main Activities of Company: ([WWW.IRI.CO.IR](http://WWW.IRI.CO.IR))

**IRICO** designs & builds various passenger coaches, metro cars, Diesel Multiple Units (RailBus DMU), various freight wagons and bogies in accordance to UIC standards. IRICO combines experienced engineers and managers beside young engineers to form a dynamic and modern rolling stock manufacturing facility in the Middle East.

**May 2007- Aug 2007**

**Almahdi Aluminum Co., Iran**

Production Expert

Job Responsibilities:

- Review of drawings & Processes.

Main Activities of Company: (WWW.ALMAHDI.IR)

**Almahdi Aluminium Co.** was established in 1990 in Bandar Abbas, (Metal Industry Special Zone ) with the aim of a total production of 330,000 MT per year. (in 3 phases) The First phase development was planned in two parts (with each part comprising 120 cells), in order to produce 110,000 MT on the basis of domestic resources and Iranian experts as well as cooperation of foreign manufacturers.

**April 2006- May 2007**

**Pars switch Co. Iran**

Production expert (working in the heat treatment workshop and quality control Laboratory)

- Heat treatment of steels and cast irons
- Metallography (Phase ratio determination and Fracture Analysis)
- Analysis of Iron-based and non-ferrous samples using Optical Emission Spectrometry
- Dimensional and coating inspection
- Preparation of Test Instructions according to the international standards (ISO, DIN, EN, ASTM).
- Mechanical tests:
  - Hardness testing of metals (based on Brinell, Vickers and Rockwell methods)
  - Micro hardness test according to ASTM E384
  - Charpy Impact test according to ASTM E23
  - Tensile test according to ASTM A370

Main Activities of Company: (WWW.PARSSWITCH.COM)

Pars Switch Company is the largest manufacturer of medium and high voltage circuit breakers and disconnectors in IRAN. It is also considered as one of the greatest companies of its kind in the Middle East. Pars Switch comprises two factories producing medium and high voltage products. All the mentioned products are in compliance with the IEC, the international standards, and all production stages are carried out under full quality checks to assure the compliance of finished productions with the highest standards.

**Oct 2004- Mar 2006** R&D of IZMDC Co., Iran  
Scientific Researcher (Recovery of Lead from Iranian Zinc Plant Residue by Brine Leaching Method).

## Technical Qualifications

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Oct 2009- Aug 2010 **International Welding Engineer (IR-IWE0157)**  
**Iranian Welding Research and Engineering Center**  
[www.iwrec.co.ir](http://www.iwrec.co.ir)

Dec 2012 Radiographic Test Interpreter (ASNT- Level II RTI)  
Behineh Kavosh Sanaat Co. <http://bksco.ir/>

May 2012 Basics and Theory of Piping  
Tehran Institute of Technology. <http://www.mft.info/>

May 2008 Welding Inspector ANSI/AWS CWI  
Aria Azmoon Sanat Co. [www.aas-co.ir](http://www.aas-co.ir)

Nov-Dec 2007 Carbody Inspection  
Hyundai Rotem Co. (**South Korea**) <https://www.hyundai-rottem.co.kr/Eng/>

Jan2018 Ultrasonic test (ASNT- Level II UT)  
Behineh Kavosh Sanaat Co. <http://bksco.ir/>

## PUBLICATION

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Vol 19, Number 6, June 2012, Page 506 **1- Formation kinetics of austenite in pearlitic ductile iron.**  
P.Abdollahi, A. Amirsadeghi, S. Kheirandish and S. Mirdamadi  
International Journal of Minerals, Metallurgy and Materials

International minerals processing conference, Istanbul, Turkey ,2006 **2- Lead recovery from Iranian zinc plant residue by brine leaching method.**  
P .Abdollahi ,D .Moradkhani ,D. Behnian and H. Yoozbashi-zade