

PERSONAL INFORMATION



Mohammad Abdous

📍 Tehran, Iran

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✉ Mohamadabdous@gmail.com

Sex Male | Date of birth 20/09/1989 | Nationality Iranian

JOB APPLIED FOR

Mechanical engineering, especially quality control and inspection as well as renewable energy engineering

WORK EXPERIENCE

2020 – now

Quality Control Manager

PCK, Tehran, Iran(<https://pckco.ir/>)

- I worked as a quality control engineer for one year in this EPC company and have now been promoted to the position of Quality Control Manager. In my current role, I am supervising inspection of all projects, both in the factory and those carried out by subcontractor in our team. Additionally, I personally inspect some projects and I review and approve all QCP documents.

2017-2020

Fluid Power Engineer

Alborz Borj Parsian, Tehran, Iran

2013-2015

Quality Control Engineer

Saman Suleh, Semnan, Iran

- I worked as a welding Inspector in this company

2009-2011

Supervisor of Machining Department

Nokav Sanat, Semnan, Iran

- I am capable to programming and operating of CNC Wire Cut machine
- I have the ability to work with a lathe machine

EDUCATION AND TRAINING

2015-2018

MSc in Renewable Energy Engineering

Materials and Energy Research Center(MERC), Karaj (Iran)

<https://en.merc.ac.ir/>

Thesis: "Design, fabrication and theoretical /experimental investigation of a solar refrigeration system using a parabolic trough collector"

2008-2013

Bachelor degree in Mechanical Engineering

Semnan University, Semnan (Iran)

<http://english.semnan.ac.ir/>

Thesis: "Experimental studies on the effects of changes of machining parameters on the surface roughness of a piece cut by a wire-cut machine"

PERSONAL SKILLS

Mother tongue(s) Persian

English Fluent/ Duolingo English test Certificate,

Literacy	Conversation	Comprehension	Production	Overall
130	100	130	100	120

Communication skills ▪ As a result of my work experience, I have developed strong communication skills, which enable me to maintain contact with consulting firms and customers.

Organisational / managerial skills ▪ leadership (currently responsible for a team of 8 people)

Job-related skills

- good command of All NDE Methods
- good command of ASME SEC VIII
- good command of ASME SEC IX
- good command of ASME SEC V
- good command of AWS D1.1
- good command of Steel Structure Painting Procedure
- Familiarity with ASME SEC II
- Familiarity with ASME B 31.1

Computer skills

- good command of PV Elite
- good command of Microsoft Office™ tools
- good command of Transys
- good command of MATLAB & EES
- good command of AUTOCAD
- Familiarity with CATIA
- Familiarity with Python

Certificates

- Certificated Welding Inspector (CWI), Tehran Institute of Technology
- Welding Technical Inspector (PT, VT) – level II- Iran's Technical and Vocational Training Organization (Iran TVTO),
- Pressure Vessel Inspector by ASME sec. VIII, Aria Azmoon Sanat
- Basics, Structure & Documentation of Quality Management System in accordance with ISO 9001:2015, TUV Academy

ADDITIONAL INFORMATION

Publications

- M. Abdous, M. Keyanpour-Rad, M. B. Shafii,, H. Haghgou "Experimental and Modelling of a Domestic Solar-Driven Ammonia - Water Absorption Refrigerator Using TRNSYS for a Typical Semi-Arid Climatic Region in the Middle East", International Journal of Air-Conditioning and Refrigeration, Under Review.
- M.abdous, M. Ali. Hajimousa." Experimental Study of the Effect of Frequency Changes on the Surface Roughness of the Cut Piece by the Wire-cut Machine" , The Bi-Annual International Conference on Experimental Solid Mechanics (X-Mech-2014)Feb. 18-19, 2014, Tehran, Iran.

Projects

- Inspection of Pressure vessels for sulphur removal projects in a direct reduction iron plant
- Inspection of the fabrication of stacker reclaimer of a steel making complex
- Inspection of the fabrication of dedusting systems (Scrubbers & Bag filter) in the briquette unit of the steel making complex
- Inspection of the fabrication of Radial stackers in the briquette unit of the steel making complex
- Inspection of the fabrication of a 35-story metal tower structure

References

- **Dr. Mansoor Keyanpour-Rad** - Professor of Materials and Energy Research Center
Email: m.kianpour@merc.ac.ir - <https://mansoorkianpour.com/>
- **Dr. Mehrdad Adl** – Assistant Professor of Materials and Energy Research Center
Email: m.adl@merc.ac.ir
- **Dr. Mohammad Behshad Shafii**, Professor of Sharif University of Technology,
Email: Behshad@sharif.edu
- **Mr. Alireza Vejdani**, Chairman of the Board of **PCK** Company, Phone NO: 09121328556
- **Mr. Farhad Daneshgar**, CEO of **Alborz Borj Parsian** Company, Phone NO: 09124018613