

Name: **ING. ANTONIO PEZ**
Registration: *Ordine degli ingegneri della provincia di Udine posizione n. 2940 sezione A settori a-b-c*
Address: 12/C, via G.A.da Pordenone, 33033, Codroipo (UD), Italy
Telephone: +39 392 995 0972 / +39 349 722 9874
Email: pez.antonio@yahoo.it / antoniopez.ce@gmail.com / PEC: antoniopez.ce@ingpec.eu

Dear Company,

My name is Antonio Pez and I am 33 years old. I am a chemical engineer with a five-year degree in "**Chemical and Process Engineering**" obtained in July 2006 at the University of Trieste, Italy. I graduated with a first class degree, taking, on a regular basis, all the exams in a period of five years. I completed my course of studies discussing the thesis, based on an experimental project, titled "**Stationary model of solid oxide fuel cell with tubular geometry**". After graduation, I passed the state exam and I registered myself to the Professional Association of Engineers of the Province of Udine in the position 2940.

In 2006, I participated, for two years, in a research project in collaboration with the Polytechnic of Milan, aimed at the creation of an instrument for measuring the gas permeability of polymeric materials.

In 2008, I chose to undertake the self-employment path and held the position of "**Health, Safety, Environment and Quality Manager**" through a consultancy company.

My present line of work allowed me to considerably increase my leadership aptitudes as I find myself holding decision making positions and considerable responsibilities, on a daily basis. Above all, the people whom I collaborate with have always encountered in me precision, ambition and willingness to learn.

Considering my established interest for Energy, Chemical and Chemical processes, I would like to submit to your courteous attention my application for the research project.

I am confident that my experience and abilities would provide a positive influence within a forward thinking organisation such as yours. I would welcome the opportunity to discuss my interest further.

Thank you for taking the time to read this letter, and I hope to hear from you soon.

Best regards

Antonio Pez

Enc CV

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PROFILE

A shrewd, adaptable and industrious **graduate chemical process engineer and environmental health and safety quality professional**, who demonstrates an extensive portfolio of relevant experience gained from highly successful industry experience. Confident and versatile with far-reaching and varied knowledge across a broad range of performance areas, including an in-depth understanding of all aspects of **site safety**. Strong background in the legislative and health and safety requirements of the **chemical process industry**, including the maintenance of essential records. Detailed understanding of developing, nurturing and delivering compliance, with the legal knowledge to bring about safe, business-centred and profitable results in a deadline sensitive environment. Exceedingly resourceful with a proven track record of business enhancement within both major and modest projects. Committed to the delivery of the best possible managerial and technical contribution to projects. People and results-focused, fostering an excellent work ethic and morale across any range of personalities and skill levels.

After extensive training and successful experience in team leadership, is now seeking a role where the combination of experience, energy, ambition and confidence-enhancing negotiation skills can be fully exploited at a **senior level** within an organisation requiring **loyalty, discretion, technical competence, leadership and dynamism**.

KEY KNOWLEDGE, SKILLS & EXPERTISE

- **Occupation-based** – A diligent and deadline orientated creative thinker and solutions expert with staff training and mentoring experience. Competencies embrace all aspects of safety within the chemical processing environment, with a knowledge and understanding of relevant legislation and health and safety requirements. Able to plan and safely maintain the optimal balance both of labour and plant. Displays the tenacity and personal discipline expected of a self-confident professional. Skills include: chemical engineering, process engineering, and safety and risk engineering.
- **IT Skills** – Highly numerate and strongly IT literate with expertise including:
 - ✓ **Software:** Microsoft: Word, Excel, PowerPoint, Outlook, Explorer, Access
 - ✓ **Programming languages:** C++, FORTRAN 95 (Visual Fortran)
 - ✓ **Plant simulation:** Aspen Plus™.
 - ✓ **Mathematical software:** Matlab, Simulink, Polimath
 - ✓ **Molecular simulation:** Cerius²
 - ✓ **Mathematical software:** Matlab, Simulink, Polimath
 - ✓ **Molecular simulation:** Cerius²
 - ✓ **Design software:** AutoCAD LT 2012
 - ✓ **Health and security software:** Acca Certus, Certus-PN, and Primus
- **Leadership** – Fosters team involvement, creates inspiring solutions and sets direction and business focus.
- **Strategic Thinking** – Plays a pivotal role in managing projects from inception to implementation, delivery and review.
- **Results Orientated** – Instils a sense of urgency and a desire to deliver key objectives with a proactive approach to stakeholder and client development, all within the complex constraints of chemical and civil engineering disciplines.
- **Change Management** – Has a vigorous approach to implementing good leadership standards and core principles, to bring about necessary operational change.
- **Communication** – Influential communicator who adopts style and approach to suit a wide variety of individuals and organisations to gain their commitment.

EXPERIENCE

Sep 2007 – Present **SHEQ (Safety, Health, Environment & Quality) Manager** **Freelance Consultant**

Working on a freelance consultancy contract with Safety Working Srl as the safety coordinator for industrial and civil engineering sites. Duties embraced collaboration with the engineers, architects and geologists. Provided a complete overview with total personal responsibility for all aspects of safety.

Key Responsibilities and Achievements:

- Prepared the plan for compliance with European safety regulations (European Directives 92/57 EEC; Italian Standard Legislative Decree No. 81/08 – Consolidated Safety).
- Successfully supervised over 100 mandatory procedures during production stages.
- Prepared and maintained the technical records pertaining to the procedures for both routine and special maintenance of the building and the risks, plus for the installed protective devices.

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- Implemented and managed a safety management system which covered all statutory and regulatory requirements plus additional voluntary standards. Assessed to the equivalent of OHSAS 18001.
- Provided the managerial expertise to ensure that all people, both direct and indirect reports, fulfilled their roles in line with health and safety protocols.
- Dealt effectively with any uncertainties as they arose and ensured compliance with European Health and Safety at Work legislation.
- Created and maintained an integrated system of quality management and business environment in accordance with European Standards ISO 14001:2004 and ISO 9001:2008.
- Ensured that all regulations pertaining to the authorised emissions and waste dumping were properly inspected and always accurately and effectively adhered to.
- Responsible for the training of staff in health and safety and in the risk assessments associated with chemical safety, including the use of chemical agents, atmospheric explosives and fire safety equipment.

Aug 2006 – Aug 2007 Research and Development Collaborator Vetroresina Engineering & Manufacturing, SpA
Reported to the research and development director whilst working for this filament winding equipment manufacture supplying turn-key plants for filament wound products including pipes, tanks, pressure vessels and poles.

Key Responsibilities and Achievements:

- In collaboration with the Polytechnic of Milan, successfully developed an instrument for measuring the gas permeability of polymeric materials
- Developed and introduced an inspection process for the continued production of fibreglass pipes by means of filament winding.
- Devised a method for controlling the characterisation of epoxy resin and vinyl ester for the production of pipes and tanks.

EDUCATION & PROFESSIONAL QUALIFICATIONS

2007 – 2008	Safety at work for design coordinators and for the execution of the work of coordinators	Order of the Engineers of the Province of Udine
	Qualification for the appointment of project coordinator and coordination for the execution of work in movable and temporary sites	
2007	Passed the state examination qualifying for practice as a Chemical Engineer Registered to the Professional Association of Engineers Position number 2940 (Section A) fields a – b – c.	University of Trieste
2000 – 2006	Master Degree in Chemical Engineering and Processes (103/110) Thesis: “Model of steady fuel cell solid oxide in tubular geometry” Supervisor prof. Maurizio Fermeglia, actual university president of the University of Trieste	University of Trieste
1995 – 2000	Industrial Expert Specialising in Chemistry Diploma (93 / 100)	Istituto Technico Industriale Arturo Maligani

VOCATIONAL QUALIFICATIONS

Jun 2011	Audits, Inspections and Maintenance of Lifting Equipment
Apr 2011	Methods and Criteria for the Evaluation of Risks in Small Businesses
Apr 2011	Cost of Unsafe Working Conditions and Aspects of Rewards in Reducing Accidents
Apr 2011	Compulsory training in the construction industry
Apr 2011	The Obligations of Safety in the Management of Contracts
Nov 2010	Risk Assessment for Machines
Sep 2010	Controlling Worksite Safety
Mar 2009	Security, Safety and Ergonomics for Safety Managers

MEMBERSHIP OF PROFESSIONAL BODIES

Registered member of the Professional Association of Engineers

OTHER INFORMATION

Mother tongue Italian, with excellent spoken and written English plus a command of basic spoken and written French.

Holds a full clean international driving licence.

Provides voluntary educational support to primary and secondary schools and assistance to university students in mathematics, chemistry and physics.

REFERENCES READILY AVAILABLE UPON REQUEST