

ANUAR CALDERA

caldera@ualberta.ca
10035 83 Avenue North West. T6G 0S6, Edmonton, AB
780 8074841

PROFILE

A chemical engineer with nine years of experience in various industries involved in operation and safety management system implementation. My background has been relevant to develop analytical thinking and creative problem-solving skills, as well as the ability to maintain thorough and meticulous attention to detail. I am fluent in English and Spanish. I am passionate about reducing costs and do reengineering to the process, keeping the safety value ahead through the development of best operative practices, efficient management of resources, analytical review of the existing process and able to work with many areas of the companies and many levels of staff. I have a strong work ethic that goes well with my creativity, perseverance, and integrity.

EDUCATION

University of Alberta, Edmonton Canada

Current Master in Science Student, Chemical Engineering.

Universidad del Atlantico, Barranquilla, Colombia*

2009 Bachelor's Degree, Chemical Engineering, GPA: 4.54/5

* Education credentials assessed by World Education Services Canada as Bachelor's degree (four years)

AWARDS

- CAPTAIN THOMAS FARRELL GREENHALGH MEMORIAL GRADUATE SCHOLARSHIP.
University of Alberta
Edmonton, 2016
- PUBLIC RECOGNITION FOR FIRST PLACE IN NATIONAL TESTS FOR CHEMICAL ENGINEERS:
ECAES
The National Ministry of Education
Bogota, 2009.

- PUBLIC RECOGNITION FOR FIRST PLACE IN NATIONAL TESTS: ECAES
Chemical Engineer Colombian Association
Barranquilla, 2009
- HONOR FOR ACADEMIC EXCELLENCE IN 2009, 2008, 2007, 2005 AND 2004.
Universidad del Atlántico
Barranquilla, 2004 – 2009

SKILLS AND KNOWLEDGE

1. Distribute control system Delta V
2. Microsoft Office Suite
3. Visio
4. Macros in Excel
5. Matlab
6. Hysys
7. Statgraph
8. Gmail forms

CAREER ACHIEVEMENTS

- ✓ Evaluation of the safety culture of the company members of the Construction Owners Alberta Association (COAA)
- ✓ 500.000 CAN savings in catalyst package, 450.000 CAN saving in nitrogen consumption and 3% increase in operational time in the polypropylene facility.
- ✓ Operator's trainer of the reaction areas in operation, their safety issues and controls, and development of the operational procedures, manuals and guidelines.
- ✓ Reduction in 90 ton of equivalent CO₂ per year the atmosphere emission for reactor venting.
- ✓ Speaker in the annual exchange technology meeting with LyndollBasell in Italy, Novolen Technology in Germany and Grace in United State, where it is discussed the latest development for each technology and the safety achievement of the licensee companies.

EXPERIENCE

ESENTTIA by Propilco, Cartagena, Colombia

*Polypropylene Producers (Petrochemicals Industry)
Polymerization Engineer 2010 – 2016*

Quintal SA, Barranquilla, Colombia

Chemical Industry.

Production Supervisor 2009 – 2010

Smurfit Kappa Carton de Colombia, Barranquilla, Colombia

Pulp and paper industry

Internship as Lab Coordinator 2007-2009

HOBBIES & INTERESTS

- Play semi-professional chess.
- Play soccer friendly.
- Traveling on my vacation time in order to know and learn about other cultures
- Volunteering with “Edmonton Chess Club”, “Rodeo Interstellar”, and “Fundacion Mi Ahijadito”, Foundation focused on sharing gift and celebrate Christmas day with children from poor populations in Colombia.

REFERENCES

- **Dr. Lianne Lefsrud.** Assistant Professor, Engineering Safety and Risk Management . 780 492-8351
- **Dr. Norman Nibber.** Industrial Professor. 403 397-1899.