# IMG_3176aCURRICULUM VITAE

# Personal information:

Name: Jaime Esparza Sanchez Age: 40 years Gender: Male

Date and place of birth: 30 / May / 1976 Monterrey, NL, Mexico Marital status: Married

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# Academic training

**Master´s Degree:** Doctoral Program in Materials Engineering at FIME, UANL

Career: Master of Science in mechanical engineering with specialization in engineering materials. Excellence program supported by CONACYT. 1999-2001.

Thesis topic: "Improving mechanical properties in sand cores by unconventional methods". Collaborating with the company Nemak, SA

**Degree:** Universidad Autonoma de Nuevo Leon (UANL).

Faculty of Mechanical and Electrical Engineering (FIME).

Career: Electrical Mechanical Engineer (IME) 1994-1999.

**High:** Industrial Technical Preparatory School and Alvaro Obregon (EIAO).

Expertise: Technician Air Conditioning and Refrigeration 1991-1994, Monterrey, NL

**Languages:**  German: German Cultural Center. January 2000 to March 2001.

English: 1) Natural Learning Corporation. May 2000 to May 2001.

2) School English ¨ Individual. June 1995 to June 1997.

**Hobbies:**

Photography, Climbing, Cycling, Swimming and Reading.

**Experience:**

1. **Projects: IPC1 (Diesel Plant), IPC3 (Hydrogen Plant), IPC4** **and clean fuels** **(Plant ULSG)** **at Refinery** **Ing. Héctor R. Lara Sosa.**
   * Company: CA+RA, Position: Responsible Safety, health and environmental protection. November 2014 to date.
2. **Projects: IPC4 and clean fuels, Refinery** **Ing Héctor R. Lara Sosa.**
   * Company: ICA FLUOR, Position: RESPONSIBLE FOR HEALTH, SAFETY AND ENVIRONMENTAL PROTECTION (SSPA). May 2014 to November 2014.
3. **Project: Conditioning IPC4 Site (DUBA), Refinery** **Ing. Héctor R. Lara Sosa.**  March 2013 to April 2014 **(Administrative technician)**
   * Company: ICA FLUOR Position: Supervisor SSPA Functions: SSPA Supervisor, Coordinator of supervisors, administration of security in the ITSSPA system´s Icafluor and Pemex System (Appendix SSPA).
4. **Project:** **Clean fuels,** **Refinery** **Ing** .**Héctor** **R.** **Lara Sosa.** June 2011 to February 2013. **(Syndicated)**
   * Company: ICA FLUOR position: Supervisor Safety, Health and Environmental protection. Supervision, auditor and advice on construction of industrial plants in theme SSPA in different disciplines: civil, mechanics, electrical, pipeline, painting.
   * Company: CITAPIA Position: Supervisor SSPA. January 2011 to May 2011.
5. **Natural Learning Corporation.** **6 months.**

Department: Advertising, Senior Executive Position.

Advertising consultant, sales, training, supervision and training of consultants, telemarketing and advertising strategies in the market.

1. **Sandvik AB steel.** **International** **Experience** **2 Months in SWEDEN.**

World Company products such as pipes, rods, wires, rods, tooling and other products of high - tech steels. Parent plant in Sandviken, Sweden. Tel: +46 (26) 63152 immediate supervisor: Robert Sundin. Training IAESTE international exchange program, Project: Development and research in cutting head tests in different grades of stainless steel.

1. **Nemak, SA. A company** **ALFA.** **Experience 1 year and 6 Months.**

Manufacture of automotive components of high - tech aluminum.

Garcia, NL Tel: 83185200 Head immediately: Alvaro Vargas L.

* Development and experimentation of my thesis, I worked on a research project about with the influence of energy microwave in the cores of sand.  Research & Development department of Nemak. Position: Practitioner Master´s thesis.  1 Year.
* Planning and  control of preventive maintenance in areas of fusion and General Services in plant 3 and 4. Monitoring of purchase requisitions, administration of maintenance. Position: Analyst maintenance. Duration: 6 Months.

1. **VEGE OF Mexico SA de CV.**  **Experience 1 year and 2 Months.**

Remanufacturing of internal combustion engines. Escobedo Industrial Park, This Company was in the maintenance department and its activities carried out are:

* Position: Maintenance Assistant taking charge of the implementation of training courses for operators, such courses are cleaning and lubrication of machinery; Also perform audits washing machines, vacuum cleaners, ovens, hoists, raffles, etc .; work orders assigned to maintenance personnel, to prepare reports overtimes, purchase requisitions and to discharge faults and various functions. Duration: 8 Months.
* I made my social service university with the main project development of manuals cleaning and lubrication of all machinery. Duration: 6 Months.

1. **SEMAT, Maintenance Service and Accessory for refrigerated transport.**

Position: Technician Air Conditioning and Refrigeration. Duration: 2 Months

This company was representative in Monterrey in lines trailer JB HUNT my service was to provide maintenance, repair and servicing of the trailer refrigerated cases (Termoking and York) plus air conditioners booths tractors; He was also assistant Electric in the same trailer.

1. **Refrigeration**  **S. Quintero.** **Experience** **5** **years.**

Work as an assistant technician cooling functions Maintenance, repair, installation and service showcases butcher shops, cold rooms, bottle coolers, refrigerators and freezers.

**COURSES:**

**TAUGHT BY THE MEXICAN CHAMBER OF THE CONSTRUCTION INDUSTRY AND TRAINING INSTITUTE OF CONSTRUCTION INDUSTRY (CMIC):**

* 4 to 9 February 2013 - Safety in construction projects of PEMEX and agencies.
* 8 to 23 June 2011- Safety in construction projects of PEMEX and agencies.
* 18 to 23 April 2011 - Radioactive Materials.
* 11 to 16 April 2011- Work at Height.
* 4 to 9 April 2011- Training emergency brigades
* March 28 to April 2, 2011-The Security Projects Construction PEMEX-REFINEMENT
* 14 to 19 March 2011- Protection System for Total Security.
* 7 to 12 March 2011-  Industrial protection.
* February 28th to March 5th 2011- Aspects of Industrial Safety and Health.
* 21 to 26 February 2011- Supervisors Safety Course.
* 14 to 19 February 2011- Hazardous Materials Management.
* 7 to 12 February 2011- Development technician Security Supervisor.
* January 31 February- 4 Fire Operations
* 24 to 29 January 2011- Design & Implementation of a contingency plan.
* 17 to 22 January 2011- Fire Prevention.

**Delivered by C & R Consultants:**

* February 5, 2012 - Knowledge and application of the Standard OHSAS 18001-2007 (Implementation Safety and Health systems).
* February 5, 2012 - OHSAS 18001 Internal Auditor (Under GUIDELINES ISO 19011-2011).

Diploma for the best security Supervisor of October 2012 in Icafluor in the gasolines clean Cadereyta project.