

# **RESUME**



**Name: LUIS FELIPE NATERA AMUNDARAÍN**

**Profession:** Mechanical Engineer.

**Instruments and Control Specialist.**

**Experience:** Thirty, (30), years.

**Languages:** Spanish and English.

**Place of Birth:** Caracas, Venezuela.

**Date of Birth:** 12/29/54

**Phone Number:** +584242008075

**E-Mail:** nateraluis@hotmail.com

## **EDUCATION:**

B.S. Mechanical Engineering  
University of New Haven, Connecticut, U.S.A.  
Class of 1983.

## **OTHER COURSES:**

Date	Name	Institute
2010	Reciprocating Compressors	GAZPROM, Latin America.
2004	Oil Refining Processes	PDVSA - El Palito Refinery – PDVSA, Venezuela.
2002	SHA, Supervisory Module 3 - PDVSA	Cied – PDVSA - Caracas, Venezuela.
2001	Programmable Logic Controllers. (PLC's).	Cecapet – PDVSA - Caracas, Venezuela.
1993	Corrosion Control.	Huber de Venezuela S.A. Valencia, Carabobo State, Venezuela.
1992	Control Valves (CV's)	Maraven S.A. - Cardón Refinery. Falcón State, Venezuela.
1989	Work Permits and Tagging.	Lagoven S.A. - Amuay Refinery. Falcón State, Venezuela.
1989	QA/QC Management. ISO 9000	Tecnoconsult S.A. - Maracaibo, Venezuela
1978-1979	Advanced English	E.L.S. Language Center, Oakland, Ca, U.S.A.

## **PROFESSIONAL EXPERIENCE:**

### **✓ ITELA CONSULTORES C.A.**

[www.iteलाconsultores.com](http://www.iteलाconsultores.com)

**Automation Manager**

Date: Feb 2014 – Current

**Duties:**

- Visualization and Development of Projects.
- Man Hours Estimates.
- Personnel Plans for the Department.
- Departmental Budget.

### **✓ PETROCARIBE – ALBA GAS – PETRÓLEOS DE EL SALVADOR**

[www.albapetroleos.com.sv](http://www.albapetroleos.com.sv)

**Position:**

**Engineering Discipline Lead. Instruments & Control.**

Date: May 2013 – Jan 2014.

**Project:**

LPG PLANT ACAJUTLA, El Salvador, Central America.  
PMT for the new LPG plant. (150 MB Capacity).

**Duties:**

- Discipline Lead Engineer.
- Discipline's Personnel Supervision.
- Basic Engineering Supervision as PMT.
- Technical Spec's.
- Calculations Supervision.
- Materials Take Offs.
- Preparation of HAZOP.
- Preparation of FAT.
- Technical Bids Analysis.

## ✓ PDVSA – PETROJUNIN – SAIPEM - PENTECH

Venezuelan National Oil Corporation, (PDVSA).

<http://www.pdvsa.com>

### Position:

Engineering Discipline Lead, Instruments & Control.

Date: April 2012 – Dec 2012

### Project:

PETROJUNIN PIPELINE AND REFINERY, (Upgrader). Venezuela.  
Construction and Installation of 550 KM of pipeline and New Refinery (400 MMBD).

### Duties:

- Discipline Lead Engineer.
- Discipline's Personnel Supervision.
- Basic and Detail Engineering Development.
- Technical Spec's.
- Calculations Supervision.
- Materials Take Offs.
- Technical Bids Analysis.

## ✓ ASINCRO C.A.

<http://www.asincro.com>

### Position:

Field Discipline Lead, Instruments & Control.

Date: Jan 2010 – April 2012

### Projects:

CORPOELEC TERMOCENTRO – LA RAISA GENERATION PLANT, Miranda State, Venezuela.  
Construction of facilities and Incorporation of 440 MW to the National Interconnected Electrical System.  
4 General Electric and 3 Pratt & Whitney Turbine Generators installation.

CORPOELEC TERMOCENTRO – PICURE GENERATION PLANT, Vargas State, Venezuela.  
Construction of facilities and Incorporation of 130 MW to the National Interconnected Electrical System.  
4 General Electric Turbine Generators installation.

### Duties:

- Discipline Lead Engineer.
- Construction Supervisor.
- Job Progress and Field Engineering.
- Plant Commissioning.
- As Built Drawings.
- Discipline's Closing Inform.

✓ **PDVSA – PETROCEDENO**

Venezuelan National Oil Corporation, (PDVSA).

<http://www.pdvs.com>

**Position:**

**Senior Audit Leader.**

Date: 2009 – (Jan – Dec).

**Projects:**

- Corporate Technical / Economic Audit to the Operations and Maintenance Divisions.  
PDVSA – Petrocedeno Refinery. (Upgrader).  
Jóse, Anzoátegui State, Venezuela.
- Amine Regeneration Plant Project, ARU 3000.  
PDVSA – Petrocedeno Refinery. (Upgrader).  
Jóse, Anzoátegui State, Venezuela.

**Duties:**

- Corporate Audit Reports Coordination.
- Projects Technical / Economical Audits.
- Engineering, Procurement and Construction evaluation according to current national and international technical norms and regulations.
- Results, Recommendations and Learned Lessons.

✓ **TECNOCONSULT INTERNATIONAL Ltd, UK.**

Venezuelan International Engineering Consulting Company.

Abu Dhabi Branch, United Arab Emirates, UAE.

<http://www.tecnoconsult.com>

**Position:**

**Senior Instrumentation & Control Engineer.**

Factory Acceptance Tests, (FAT). Honeywell Asia, Singapore.

Date: 2008 – (Apr–Sep)

**Project:**

Al Khafji Onshore Facilities.

**Client:**

ARAMCO, Saudi Arabia.

**Duties:**

- Physical Inspection of DCS Cabinets and Consoles.
- Power Up Tests.
- Functionability Tests.
- I/O Signals Injection, (6800 Control Loops)
- Integration Tests, (DCS, ESD, F&G, CCS, and Vibration Systems)

✓ **TECNOCONSULT INTERNATIONAL Ltd, UK.**

Venezuelan International Engineering Consulting Company.  
Abu Dhabi Branch, United Arab Emirates, UAE.

<http://www.tecnoconsult.com>

**Position:**

**EPCC Proposal Coordinator.**

Date: 2008 – (Jan–Apr)

**Project:**

Takreer's Abu Dhabi Refinery Fire & Gas System.

**Client:**

ADNOC, Abu Dhabi, UAE.

**Duties:**

- Personnel Supervision on the different disciplines deliverables products proposals.
- Man Hours Estimation.
- Bill of Quantities Elaboration.
- Bill of Materials Elaboration.
- Interaction with client and clarification questions.

✓ **TECNOCONSULT INTERNATIONAL Ltd, UK.**

Venezuelan International Engineering Consulting Company.  
Abu Dhabi Branch, United Arab Emirates, UAE.

<http://www.tecnoconsult.com>

**Position:**

**Instrumentation & Control Discipline Lead.**

Date: 2007 - 2008

**Project:**

Borouge 2 Petrochemical Expansion Project.

**Client:**

ADNOC, Abu Dhabi, UAE.

**Duties:**

- Discipline's Personnel Supervision.
- Detail Engineering development.
- Technical Spec's.
- On Site information updating.
- Man Hours Estimation.

✓ **PDV-CARIBE. (PETROCARIBE International Agreement).**

Venezuelan National Oil Corporation, (PDVSA).

<http://www.pdvsa.com>

**Position:**

**PDVSA' s Manager at St. Vincent and The Grenadines. (SVG).**

Saint Vincent and The Grenadines - Eastern Caribbean.

Date: 2005 - 2007

**Projects:**

- Coordination of Joint Venture's signature between VINLEC and PDVSA.
- Sea transportation of 25.000, 20 pounds LPG vessels to SVG.
- Establishment of the PDV-Caribe Ltd. office in SVG.
- Coordination of engineering for the construction of Gasoline, Diesel and LPG facilities in SVG.
- Coordination of engineering for the construction of a Domestic LPG Filling Plant in SVG.

**Duties:**

- Evaluation of the energy needs for St. Vincent and The Grenadines.
- Visualization of projects to be executed by PDV Caribe in SVG.
- Interaction with high level SVG authorities up to the Prime Minister.
- Coordination of activities between PDVSA and the Venezuelan embassy in SVG.
- Field inspections, evaluations and initial studies of probable sites for projects.

✓ **PDVSA**

Venezuelan National Oil Corporation, (PDVSA).

El Palito Refinery, Carabobo State, Venezuela.

<http://www.pdvsa.com>

Date: 2004 - 2005

**Position:**

**AIT. (Automation, Instruments and Telecom) Coordinator – Major Projects**

**Projects:**

- CCR (Continuous Catalytic Reforming).
- CP (Deep Conversion HDH-PLUS)
- HDT (Hydrotreater Plants Diesel and VGO)
- SI (Industrial Services for the New Plants)

**Duties:**

- Conceptual and basic Engineering development
- Staffing Plan
- Man Hours Estimate

✓ **JANTESA.**

Venezuelan International Engineering Consulting Company.  
Caracas, Venezuela.  
<http://www.jantesa.com>

**Position:**

**Instruments & Control Discipline Lead**

Date: 2002 – 2003

**Project:**

RSV- OUP Project. Rusio Viejo Plant Upgrader at Monagas State, Venezuela.

**Client:**

TOTAL- FINA- ELF.

**Duties:**

- Detail Engineering development.
- Technical Spec's.
- Discipline's Personnel Supervision.

✓ **JANTESA.**

Venezuelan International Engineering Consulting Company.  
Caracas, Venezuela.  
<http://www.jantesa.com>

**Position:**

**Project Engineer.**

Date: 2001 – 2002

**Project:**

ISAM Plant Upgrader Project.

**Client:**

SADE / SKANSKA / JANTESA Joint Venture.

**Duties:**

- Basic and Detail Engineering Development.
- Technical Spec's.
- Technical Bids Analysis.
- Control Valves and Orifice Plates Calculation.
- Materials Take Offs.

✓ **TECSER INGENIERIA C.A.**

Venezuelan Engineering Consulting Company.  
Caracas, Venezuela.

**Position:**

**Discipline Leader**

Date: 2000 – 2001.

**Project:**

Technical Updating of the National Gas System.

**Client:**

PDVSA Gas, Caracas, Venezuela.

**Duties:**

- On Site Information Updating.
- P & I D's and Schematics Drawings.
- National Gas System Inventory (Instruments and Control).

✓ **MARGARITA HILTON HOTEL**

Nueva Esparta State, Venezuela.

**Position:**

**Deputy Chief Engineer**

Date: 1997 – 1998 -

**Duties:**

- Mayor Equipment Supervisor:
- Boilers, Chillers, Heat Exchangers, Air Conditioning, Hydroneumatics.
- Personnel Supervision.



✓ **MARAVEN, S.A.**

PDVSA's subsidiary.

Cardón Refinery, Falcón State, Venezuela.

**Position:**

**Construction Superintendent**

Date: 1994 - 1996

**Project:**

Maraven's Refinery Expansion Project. M. R. E. P.

**Duties:**

- E/I Execution Coordinator, Package "D" Off Sites (KBR - Inelectra).
- E/I Tie-Ins Coordinator. Interfaces with Package "A" (Foster Wheeler - Otepi) and Package B" (Bechtel - Jantesa).
- "AS BUILT" Drawings Supervision.
- Commissioning Team Member, (CTM). (Instrumentation and Control).

✓ **JANTESA**

Venezuelan International Engineering Consulting Company.

<http://www.jantesa.com>

**Position:**

**Discipline Leader**

Date: 1993

**Project:**

L. P. G. Plant Expansion Project.

**Client:**

MARAVEN S.A. / Cardón Refinery, Falcón, Venezuela.

**Duties:**

- Detail Engineering development.
- Construction Supervision.
- Plant Commissioning.

✓ **JANTESA / SOLAR TURBINES. (Jantesa / Caterpillar Joint Venture)**

Venezuelan International Engineering Consulting Company.  
<http://www.jantesa.com>

**Position:**

**Construction Superintendent**

Date: 1992

**Project:**

Infragas Project, Lama III Gas Compression Plant.

**Client:**

Maraven, S.A., Lake Maracaibo, Zulia State, Venezuela.

**Duties:**

- Job Progress Coordinator.
- Engineering/Construction Interfacing.
- Man hours planning and control.
- "AS BUILT" Drawings.
- Plant Commissioning Supervisor.

✓ **JANTESA.**

Venezuelan International Engineering Consulting Company.  
<http://www.jantesa.com>

**Position:**

**Instruments Engineer**

Date: 1991

**Project:**

Remote Operation Valves Project V.O.R.

**Client:**

MARAVEN, S.A. / Cardón Refinery, Falcón, Venezuela.

**Duties:**

- Construction Supervisor.
- Instruments Job progress control.
- Operations Specs Writing.
- Hand Over documents process.
- Plant Commissioning.

✓ **JANTESA**

Venezuelan International Engineering Consulting Company.  
<http://www.jantesa.com>

**Position:**

**Instruments Engineer**

Date: 1991

**Project:**

Nafta Plant Expansion Project.

**Client:**

LAGOVEN S.A. / Amuay Refinery, Falcón, Venezuela.

**Duties:**

- Detail Engineering.
- Control Valves Calculation and Specs.
- Orifice Plates Calculations.
- Instruments Air Routing.

✓ **TECNOFLUOR S.A. (Tecnconsult S.A. / Fluor Daniel Joint Venture).**

Venezuelan International Engineering Consulting Company.  
<http://www.tecnconsult.com>

**Position:**

**Discipline Leader**

Date: 1990

**Projects:**

- Amuay/Cardón Interaction Project - A.C.I.P.
- Butane Handling Project - B.H.P.
- Diesel Blending Project - D.B.P.
- LAGOVEN S.A. / Amuay Refinery, Falcón State, Venezuela.

**Duties:**

- Instruments Chief Engineer.
- Job Progress Control.
- Contractors Supervision.

✓ **TECNOFLUOR S.A. (Tecnconsult S.A. / Fluor Daniel Joint Venture)**

Venezuelan International Engineering Consulting Company.

<http://www.tecnconsult.com>

**Position:**

**Construction Supervisor**

Date: 1989

**Project:**

Plant Number 5 Expansion Project.

**Client:**

LAGOVEN S.A. / Amuay Refinery, Falcón, Venezuela.

**Duties:**

- Existing Burners Disassembling.
- Mounting of 40 new 45 MBTU Gas/Diesel Burners.
- Conduits and cables installation.
- Instrument Air lines installation.
- Instruments Calibration and installation.
- Loop Testing.
- Plant Commissioning.

✓ **TECNOCONSULT S.A.**

Venezuelan International Engineering Consulting Company.

<http://www.tecnconsult.com>

**Position:**

**Instruments and Control Procurement Engineer**

Date: 1988

**Project:**

M.T.B.E. Project.

**Client:**

PEQUIVEN S.A., Jóse Plant, Anzoátegui State, Venezuela.

**Duties:**

- Bidding Packages Elaboration.
- Envelopes Opening Acts.
- Technical / Economical Analyses of Bids.
- Allocations of Packages.
- Suppliers Plant Inspections.