Aldo Oscar Molina
Resume

Personal Information

Nationality:	Argentine
Birth Date:	08/05/1969
Marital Status:	Married
Address:	Aleli 2785
City:	Vistalba - Mendoza Province (5507)
Country:	Argentina
Phone:	54 9 261 5721774
Mail address:	ao_molina@yahoo.com
	ao_molina@hotmail.com

Education

University Degree: Electronic Engineer
Management Engineer

Post grade: MBA finished

ISO Standards Degree: Environment Certified Leader Auditor (ISO 14000)
IRCA (International Register of Certified Auditors - London)
registration number EA/97/AG/214

Quality Leader Auditor (ISO 9000)
IRCA (International Register of Certified Auditors - London)
registration number LA/98/AG/944

Language: English
Spanish

Computer Science Knowledge: Advanced PC User (MS Office, Unix, Oracle, Visual Basic, SQL)

DCS Programming, configuration and administration (Foxboro IA Series, Honeywell TPS, ABB TDC3000 and ABB 800xA)

PLC Programming, configuration and administration (Foxboro Triconex, Foxboro Tricon-Lite, Allen Bradley PLC5, Honeywell FSC, ABB HI)

Plan Information System (PI) administration

LIMS (Laboratory Information & Management System) administration

Oracle Servers

Maintenance management system (Maximo) advance user

Other information

USA 10 years VISA – expires on 2018

Professional Profile

1.- Over than 15 years professional experience in Oil Refining industry, focused on Maintenance, Instrumentation, Automation and Control

2.- Inside this industry, I have woking experience in various positions of increasing responsibility ranging from Instrumentation Technician, Automation Engineer, Systems Engineer, Maintenance Engineer, Works and Services Chief, Quality Control Chief, Advance Control and Systems Chief and Instrumentation Chief.

3.- Inside Maintenance field, I have working experience in contracts Management, develop of techinical requirements for buying or hiring, preventive and corrective maintenance Management, Maintenance budget Management, Human resources Management and Economical results optimization

4.- Inside Automation and Contol, I have working experience on installation, configuration, start-up and maintenance of differents DCS and differents PLC; such as DCS Foxboro IA Series (Unix based and Windows NT based), DCS Honeywell TPS, DCS ABB TDC3000, DCS ABB 800xA, PLC Triconex, PLC Tricon-lite, PLC Allen Bradley (PLC5), PLC Honeywell FSC and PLC ABB HI. At the same time, I was responsible of implementation and maintenance of Shutdown Systems (PLC based) for continuous process industries.

5.- Inside Instrumentation field, I have working experience with the latest technology in this field, such as reactor temperature measurement, coke drum level measurement and on-line analyzers.

Professional Experience

Date: 12/2003 – 12/2011
Location: Repsol YPF Lujan de Cuyo Oil Refinery (Argentina)
Post: Analytical Instrumentation and Field Instrumentation Chief (Maintenance)
Tasks: Maintenance management for Instrumentation (budget, performance, reliability) / Corrective and Preventive Maintenance Management / Emergency shutdown systems (ESD) configuration and Management / Contract and Contractor management and development / Plant turnaround management (budget, planning and execution) / DCS (Honeywell and ABB) & PLC (Allen Bradley, Honeywell and ABB) maintenance and administration / Maintenance management systems configuration (Máximo)

Date: 12/2001 – 12/2003
Location: Repsol YPF Plaza Huincul Oil Refinery and Methanol Plant (Argentina)
Post: Advanced Control & Systems Chief
Tasks: DCS (Foxboro IA's) & PLC (Triconex) administration / Supervision of advanced control loops implementation / MBPC (model base predictive control) implementation / LIMS (Laboratory information and management system) implementation & administration, Oracle based / PI (plant information system by OSI Software) configuration & administration

Date: 03/2000 – 12/2001
Location: YPF Plaza Huincul Oil Refinery (Argentina)
Post: Quality Control Chief and ISO Auditor
Tasks: Refinery laboratory supervision / ISO 9000 and ISO14000 Implementation / ISO 9000 Laboratory Certified / Refinery turnarounds planning and supervision (Maintenance) / ISO 14000 Refinery Auditor

Date: 06/1999 – 03/2000
Location: YPF Plaza Huincul Oil Refinery (Argentina)
Post: Y2K Roll Over Responsible
Tasks: Coordination & Supervision of Y2K compliance tasks
Results: Y2K roll over successfully

Date:	06/1999 – 03/2000
Location:	YPF Plaza Huincul Oil Refinery (Argentina)
Post:	Works and services Chief, and ISO Auditor
Tasks:	Contracts and contractors management and development / Refinery turnarounds planning and supervision (Maintenance) / ISO 9000 Refinery auditor / ISO 14000 Refinery Auditor

Date:	08/1998 – 06/1999
Location:	YPF Plaza Huincul Oil Refinery (Argentina)
Post:	Maintenance engineer and ISO Auditor
Tasks:	Coordinate routine maintenance / Development a system for Maintenance Control / Contracts technical points development / Preventive maintenance development / Contractors supervision / Contractors development / Documentaton developer for ISO9000 Certification

Date:	02/1997 – 08/1998
Location:	YPF Plaza Huincul Oil Refinery (Argentina)
Post:	Automation and System engineer and ISO Auditor
Tasks:	DCS (Foxboro IA's) & PLC (Triconex) configuration and administration technician / Control loops configuration / Unix servers administration / Historical applications configuration / Aplication developer using HLBL / Member of YPF Control & Automation Experts Group / Develop of technical requirements for instrumentation buying / Documentaton developer for ISO9000 Certification

Date:	08/1996 – 02/1997
Location:	YPF Plaza Huincul Oil Refinery (Argentina)
Post:	Mass Balance Junior Analyst / Yield Accounting Junior Analyst
Tasks:	Refinery mass balance / Mass balance System administrator / Refinery product balance / Interface developer between AS/400 and Excel for mass balance

Date:	02/1994 – 08/1996
Location:	YPF Plaza Huincul Oil Refinery (Argentina)
Post:	Instrumentation technician (Trainee student)
Tasks:	Instrument configuration and calibration (flow, temperature, presure, level, governor controller, etc) / DCS (Foxboro IA's) & PLC (Triconex) configuration / HTG (Foxboro Hydrostatic Tank Gauging) configuration & calibration / Shutdown logics configuration based on PLC (Triconex) / Control loops configuration and implementation

Automation Developments

Automatic control for mixing components
(Loma Negra Cement factory located at Zapala–Argentina – Based on Simatic S3)

Automation for catalyst regeneration based on HLBL (High level batch language)
(Repsol YPF Plaza Huincul Refiney located at Neuquen-Argentina – Based on Foxboro IA's)

Automatic blending of oil products
(Repsol YPF Plaza Huincul Refiney located at Neuquen-Argentina – Based on Foxboro IA's)

Fire detection and alarm
(Repsol YPF Plaza Huincul Refiney located at Neuquen-Argentina – Based on Triconex)

Model based predcitive control
(Repsol YPF Plaza Huincul Refiney located at Neuquen-Argentina – Based on Foxboro IA's)

Properties inference

(Repsol YPF Plaza Huincul Refiney located at Neuquen-Argentina – Based on Foxboro IA's)

Conferences (expositor)

1999 – IAPG (Argentinian petroleum institute)
Y2K Challenge

2001 - IV Oil Refining technical conferences at Repsol (Madrid)
Model based predcitive control, an industrial aplication

2003 - VI Oil Refining technical conferences at Repsol (Buenos Aires)
Automation for catalyst regeneration based on HLBL (High level batch language)

Technical articles published

2001 – Model based predcitive control running on Foxboro IA Series
Chemical Engineering Magazine – Spain