CURRICULUM VITAE

PERSONAL INFORMATION

NAME: Susana Maida Lafuente

RNI (SIB): 7670 **RENCA:** 13590

SySO MTEPS PROFESSIONAL REGISTRATION: Category A"

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RELEVANT ACHIEVEMENTS

- **EBR** Cochabamba First company in Bolivia to certify a Comprehensive Management System ISO 9001:2000, ISO 14001:1996 and BS8800:1996 (2002)
- INEGAS Santa Cruz ISO 9001:2008 Certification Program of Excellence in Academic Processes (2014)
- **INEGAS** Santa Cruz Preparation, development and implementation of 9 Postgraduate Programs, increasing the student body and the development of in-Company courses in different cities of Bolivia (Camiri, Villa Montes, La Paz and Santa Cruz) (2010-2015).
- **INEGAS** Santa Cruz Coordination of courses for the companies YPFB Andina SA, YPFB Chaco SA, YPFB Logística SA, Repsol SA, Petrobras Argentina SA, Petrobras Bolivia SA, Vintage, Bolland & Cia SAU and MDK SRI
- **IMACS** Santa Cruz General Manager, Engineering company with more than 15 years of existence working with more than 33 clients in the hydrocarbons, energy, food, cement, mining and services sectors. (2004-2021)
- Teacher in postgraduate courses at UDABOL, INEGAS, IBNORCA and UPB.

JOB TITLE

- ♣ Bachelor's degree in Chemical Engineering, graduated from the Universidad Mayor de San Simón.
- → Diploma in Environmental Management from the University of Valparaíso, in coordination with the Domingo Savio Private University.
- Diploma in Higher Education from the Private Technical University of Santa Cruz.
- ♣ Specialization in Food Safety Management Systems based on the HACCP IBNORCA standard.
- Lead Auditor in Occupational Health and Safety Management Systems OHSAS 18001:1999 IRCA Certification.
- Diploma in Higher Education from the Private Technological University of Santa Cruz de la Sierra.

PROFESSIONAL ACTIVITY

SEPTEMBER 04 - PRESENT

CONSULTING ACTIVITIES

- **★** EXTERNAL CONSULTANT OF BECERRA DE LA ROCA DONOSO & ASOCIADOS SRL (BDA ABOGADOS), providing consulting services in the field of environment, industrial safety and occupational health, both in operational aspects and in the implementation and verification of management systems. Audit in integrated management systems ISO 9001, ISO 14001 and ISO 18001.
- **INDEPENDENT CONSULTOR,** providing consulting services in the field of environment and industrial safety, both in operational aspects and in the implementation and verification of management systems.
- ♣ PIL Andina SA, consulting for the development of audits of legal requirements for its facilities in the cities of Santa Cruz, Cochabamba and La Paz. Consulting developed jointly with the company BECERRA DE LA ROCA DONOSO & ASOCIADOS SRL
- ▶ YPFB Andina SA, consulting for the development of audits of legal requirements for its different facilities nationwide for the period 2022. Consulting developed jointly with the company BECERRA DE LA ROCA DONOSO & ASOCIADOS SRL
- **SHELL**, preparation of the Fire Load Study for its administrative offices and its Villamontes logistics base.

- preparation of the emergency plan and spill control procedure.
- **ESMICAL SA.**, Audit of Legal Requirements in the Environment, Safety and Health at work (In execution). Consulting developed jointly with the company BECERRA DE LA ROCA DONOSO & ASOCIADOS SRL
- **HANSA**, Consulting for the identification of hazards and risk assessment, preparation of the contingency plan and evaluation of fire load for the facilities of the SIKA Plant, in the Latin American Park.
- **♣ SOBOCE SA**, Audit of Legal Requirements in the Environment, Safety and Health at work in all its facilities in Bolivia (13 plants). Consulting developed jointly with the company BECERRA DE LA ROCA DONOSO & ASOCIADOS SRL
- ♣ Pecom Bolland & Cia SAU Bolivia Branch, Preparation of Biosafety Plan, Environmental Manifesto, LASP, Annual Environmental Monitoring Report, Occupational Health and Safety Plan (PSST), Safety Inspection, execution and evaluation of Fire Drills and Calculation.
- Preparation of Biosafety Protocols for SIPA Powertech Bolivia SRL and Plaza Mayor SRL
- ▶ YPFB Andina SA, consulting for the development of audits of legal requirements to its different facilities nationwide for the period 2020. Consulting developed jointly with the company BECERRA DE LA ROCA DONOSO & ASOCIADOS SRL
- **◆ Venado Industries**, consulting on the certification of an ISO 9001:2015 Quality Management System for Research and Development Management (R+D+I). Review of documents and guidance on Environment, Safety and Health at Work for all company activities in Bolivia.
- **PROSERCO SRL**, consulting for:
 - Preparation of the 2021-2022 Environmental Monitoring Report
 - Development of two emergency drills
 - Training of warehouse staff in cargo handling
 - Obtaining the Environmental License and the License for Activities with Hazardous Substances for its activity of storage and marketing of chemical products.
 - Preparation and training of personnel in their Biosafety Plan
 - Obtaining the License for Import Activities of Dangerous Substances.
 - Development of an ISO 9001:2015 Quality Management System (in execution)
- **SAGUAPAC**, consultancy for the development of the Occupational Health and Safety Program (PSST) (in progress) jointly with the company ESPROSER SRL.
- **DOLZ WINERY**, preparation of its Biosafety Plan and its Occupational Health and Safety Program (PSST).
- → TROPIFLOR AG subcontracting for the preparation of the initial, monitoring and final report on assistance to contingencies arising from hydrocarbon transportation companies; as well as the analysis and interpretation of laboratory results to close the event. The reports are presented both to the Competent Sectoral Organization corresponding to the Ministry of Hydrocarbons and Energy and to the Competent Environmental Authority at the national level that corresponds to the Ministry of Environment and Water.
- **TROPIFLOR AG** to obtain:
 - The Environmental License of its Organic and Inorganic Waste Treatment Plant
 - Registration and Authorization as Solid Waste Operators
 - The Environmental License for the activity of Transportation of Oiled Soils and Solid Waste
 - The Environmental License for its Oiled Soil Treatment Plant.
 - Obtaining the Environmental License for the Solid Waste Transportation activity.
- ♣ SHELL BOLIVIA SA, training of staff in Internal Audits of Integrated Management System.
- **CRYOTECS.RL**, consulting by product as Recycling Manager in the Preinvestment Study "Improvement of Comprehensive Solid Waste Management in the Municipality of Trinidad"
 - Consulting by Product for the preparation of the Updated Work Plan of Environmental Liabilities Pending Remediation and Report on the Conclusion of Activities of the Remedied Environmental Liabilities of Air BP Bolivia SA Nationalized.
 - Product Consulting as Head of Environmental Management in the Environmental Audit Environmental Quality Control of the Area of Influence of the Timboy X'1 Well Exploratory Drilling Project of the Oil Company YPFB CHACO SA with the Ministry of Environment and Water entity.
- **YANBAL SA**, preparation of the Emergency Plan for the Distribution and Opportunities Center in Bolivia.
- FINO SA, training of operational personnel in Event Cause Analysis.

- **BG BOLIVIA SA**, training of staff in Internal Audits of Integrated Management System.
- **TOTAL E&P Bolivia,** consulting for the development of internal industrial safety procedures and the Spill Contingency Plan.

INEGAS ACADEMIC DIRECTOR 2010-2015

Professional services as Academic and Research Director, for the development and monitoring of postgraduate programs; as Management Representative for the Quality Management System; as well as, teacher in the field of environment and industrial safety.

- ISO 9001:2008 Certification Program of Excellence in Academic Processes
- Coordination of courses for the companies YPFB Andina SA, YPFB Chaco SA, YPFB Logística SA, Repsol SA, Petrobras Argentina SA, Petrobras Bolivia SA, Vintage, Bolland & Cia SAU and MDK SRL
- Preparation, development, and implementation of 9 Postgraduate Programs increasing the student body and the development of in-Company courses in different cities of Bolivia (Camiri, Villa Montes, La Paz and Santa Cruz)
 - Diploma in Gas Plant Operations
 - Diploma in Refining Operators
 - Project Management Diploma (closed program for YPFB Transporte SA staff)
 - Diploma in Instrumentation and Control in Process Plants
 - Master in Petroleum Operations
 - MBA Direction and Management of companies in oil and gas
- Diploma in Industrial Maintenance Management
- Diploma in Safety Management in oil plants
- Diploma in Corporate Social Responsibility
- Structure for submitting proposals, preparation of the INEGAS brochure
- Coordination for the development of continuous training courses
- Search for new companies for the development of industrial visits (Visit plants of Petrobras Argentina SA, Petrobras Bolivia SA).
- Coordination of the Specialty in Safety in Land Operations (Petrobras Bolivia SA company program) to conclude the program and the subsequent presentation of monographs, management of their defense and management before the UAGRM graduate school
- Academic coordination for the virtualization of face-to-face diploma and master's programs
- **ESPROSER SRL**,co-consulting for the preparation of the Annual Monitoring Reports of the CN GAS SRL Service Station
 - Co-consulting for the update of the Hygiene, Occupational Safety and Wellbeing Plan (PHSOB) of Petrobras Bolivia SA for its San Alberto, San Antonio, Cedros Blocks and Administrative Offices.
- **EMC Consulting**, co-consulting for the implementation of the waste management program for the company YPFB Transporte SA
- **ENSR AECOM**, preparation of the Hygiene, Occupational Safety and Wellbeing Plan (PHSOB) of Petrobras Bolivia SA for its San Alberto, San Antonio, Ingre Blocks and Administrative Offices.
- DIMENSIONS, co-consulting for the training of all your staff on industrial safety issues.
- ↓ ISA Bolivia SA, preparation of the Hygiene, Occupational Safety and Wellbeing Plan (PHSOB) for its electrical energy transmission activity. Carrying out Industrial Safety inspections in its six (6) electrical substations.
- **CIS Bolivia SRL**, preparation of the Hygiene, Occupational Safety and Wellbeing Plan (PHSOB) for the catering and hotel service.

FUNDS

- Consulting for the implementation of Integrated Management Systems in Environment, Safety and Occupational Health in ten (10) small and medium-sized companies.
- **HUMAN**, preparation of the Environmental Manifesto for its activity of transporting petroleum products by tanker barges, License for Activities with Hazardous Substances.
- **EXPRINTER LIFTVANS**, preparation of the Partial Abandonment Report of facilities at its Base of Operations.

- **HANOVER BOLIVIA**, training its staff in four Safety and Environmental topics and carrying out emergency drills in 6 oil plants where they are operators.
- **♣ SERVAPET**, preparation of the Environmental Manifesto of its activity of transporting petroleum products, License for Activities with Hazardous Substances, Hygiene, Occupational Safety and Wellbeing Plan (PHSOB).
- **TRANS MORAGRANDE**, preparation of the Environmental Manifesto of its activity of transporting petroleum products, License for Activities with Hazardous Substances and preparation of the Hygiene, Occupational Safety and Wellbeing Plan (PHSOB) and internal Industrial Safety Standards.
- → HANSA, consulting for the implementation of an Integrated Management System in Quality, Environment, Safety and Occupational Health in the Energy and Automation Division, based on International Standards ISO 9001:2000, ISO 14001:2004 and OHSAS 18001:1999.

MINISTRY OF HYDROCARBONS

Environmental consultant in the Environment Directorate based in Santa Cruz, for carrying out scheduled inspections, by complaint and by emergencies, from the point of view of environmental control and monitoring.

- ➡ TRANSCOMB SRL, co-consulting for the preparation of the Environmental Manifesto of its activity of transporting petroleum products, License for Activities with Hazardous Substances and preparation of the Hygiene, Occupational Safety and Wellbeing Plan (PHSOB).
- **TRANSMAS INTERNATIONAL SA**, co-consulting for the preparation of the Environmental Manifesto of its diesel transportation activity and License for Activities with Hazardous Substances and preparation of the Hygiene, Occupational Safety and Wellbeing Plan (PHSOB).
- → SKANSKA Sucursal Bolivia SA,co-consulting for the preparation of the Environmental Manifesto of its Base of Operations, License for Activities with Hazardous Substances and preparation of the Hygiene, Occupational Safety and Wellbeing Plan (PHSOB).
- **EMBOL SA.**, carrying out environmental audits and inspections prior to certification of the ISO 14001:2004 standard at the national level (for its plants in Santa Cruz, Cochabamba, La Paz and Tarija). Training of personnel as Internal Auditors in Environmental Management Systems.
- **COSUMA CONSTRUCTION COMPANY LTDA**, preparation of a Safety and Environmental Management System. Training of all personnel involved in the documents generated and training of a person to carry out monitoring of the implementation of the system.
- **COMPANY MMP BOLIVIA LTDA**, preparation of a Safety and Environmental Management System, consisting of the development of management and operational procedures, plans and programs according to its activities.

DECEMBER 99 - JUNE 04

BOLIVIAN REFINING COMPANY

- ➤ QUALITY, SAFETY, ENVIRONMENT AND HEALTH MANAGEMENT OF THE REFINING AND DISTRIBUTION SEGMENT, Santa Cruz base, from December 2003 to June 2004, being responsible for the Environment Area, carrying out the following activities:
 - COORDINATION WITH THE "GUALBERTO VILLARROEL" CBBA AND "GUILLERMO ELDER BELL" SCZ REFINERIES, planning of the activities to be developed with the support of the corporate area for Management 2004. Full coordination for the training of more than 60 people from both refineries in the fire-fighting field of the Andina company through corporate contracting. Support during inspections of government institutions.
 - **ENVIRONMENTAL PASSIVES**, preparation of a tentative schedule and the Specification for the remediation service for both refineries. Negotiation with the government to establish bidding strategies and definition of itemized amounts.
 - ➡ TRANSPORTATION BY TANK TRUCKS, responsible for the Multidisciplinary Working Group for the review of the Model Contract for External Transportation Service. Preparation of the Safety, Environment and Health contractual Annex for the contracting of transport companies. Preparation of the Tank Truck Inspection procedure. Definition of responsibilities in the export of petroleum derivatives under the premises of Safety, Environment and Health. Inspection of the Guayaramerin and Cobija storage plants.
 - **ENVIRONMENTAL MANIFEST**, coordination with the environmental consultant and the refineries to address the observations by the Environment Directorate of the Ministry of Mining and Hydrocarbons.

- **ANOMALIES MANAGEMENT SYSTEM (SIGA`S)**, monitoring the entry of anomaly reports for the different assets and monitoring pending activities.
- **SERVICE STATIONS**, support in the certification of ISO 14001 and OHSAS 18001 standards at the "Universitario" Service Station in Santa Cruz.
- > SECTORAL MANAGER OF SAFETY, ENVIRONMENT AND HEALTH of the "Gualberto Villarroel" Refinery, Cochabamba base, from December 1999 to November 2003, being in charge of 15 people from the Industrial Safety, Environment and Health area.
 - Development, Implementation and Certification of international standards ISO 14001 and BS 8800 (Pre certification in Aug/02, certification in Sep/02, follow-up audits in May/03, Nov/03).
 - ♣ Participation in the preparation of the Strategic Profile of the refinery for three years, identifying reference programs and practices.
 - → Preparation and implementation of a Remediation Plan for Environmental Liabilities inherited from the previous administration, mainly carrying out the treatment of oiled sludge (approximately 250 m3) and segregation of solid waste (approximately 2,200 m3).
 - → Distinction for achieving during my management more than 1000 days without work accidents with medical leave for both own and contracted personnel.
 - ♣ Preparation of information for the presentation of the Environmental Manifesto and obtaining the License for Activities with Hazardous Substances (LASP) required by Environmental Regulations.
 - **Establishment of the "Recycling for Life" Program aimed at managing solid waste generated inside the Refinery.**
 - Preparation and collection of information, responsible during the two audits developed by the company DUPONT on Industrial Safety Management. Joint preparation with the other managers of the Action Plan and monitoring it.
 - ♣ Preparation and collection of information, responsible during the three inspections developed by the company Hydrocarbon Risk Consultants for the establishment of the insurance premium. Joint preparation with the other managers of the Action Plan and monitoring it.
 - ♣ Preparation for three consecutive years of General Drills with the participation of external support entities and the neighboring community, involving approximately 2,500 people in each one.
 - Member of the plant stoppage programming group for the Fuels and Lubricants units.
 - ♣ Participation for three years in the "Brainstorming" meetings for the establishment of an Action Plan that addresses the results of the Organizational Climate survey, and developing activities related to safety, environment, health and management.
 - Representative of the Safety, Environment and Health area for the certification of the ISO 9001:2000 standard of Oil, Lubricant and Fuel Blending plants.
 - Coordination with the companies Transredes, CLHB and YPFB for the development of joint procedures for shared operations.

MARCH 98 - NOVEMBER 99

BOLIVIAN FISCAL OIL DEPOSIT COMPANY (YPFB)

- HEAD OF THE ENVIRONMENT DIRECTORATE OF THE INDUSTRIAL SAFETY AND ENVIRONMENTAL CONTROL UNIT.
 - Preparation of documentation for the preparation of Environmental Manifestos of 49 Plants belonging to YPFB
 - ♣ Compilation and preparation of information to obtain the Registration and License for Activities with Hazardous Substances (LASP), of 49 Plants belonging to YPFB whose approval was carried out in December 1998.
 - ♣ Participation in the qualification of proposals for the International Tender for carrying out Environmental Audits at the request of the Ministry of Foreign Trade and Investment.
 - Review and approval of the Environmental Audit Reports presented for the Refining and Pipeline Units, Airport and Fuel Service Stations, Storage Plants, Bottling Plants and Natural Gas Distribution Networks.
 - Participation in Industrial Safety Inspections for risk assessment in the facilities at the plants in La Paz, Cochabamba, Santa Cruz, Sucre and Tarija.
 - Development and preparation of standards, procedures and checklists in the areas of Industrial Safety and Environment.

EXHIBITIONS

COCHABAMBA - BOLIVIA

♣ Introduction to Occupational Health and Safety Management Systems under the (2007) OHSAS 18001:1999 Standard – CGM SRL Consulting

SANTA CRUZ - BOLIVIA

- Closing and labeling Company VINTAGE PETROLEUM BOLIVIANA LTDA (2010 2011)
- Introduction to Integrated Management Systems in Environment, Safety and Health Occupational under ISO 14001:2004 and OHSAS 18001:1999 standards PETROBRAS (2007)
- Series of conferences on aspects of Safety, Environment and Health in Hydrocarbon Transportation – PETROBRÁS (2006)

LIMA PERU

↓ XXVI Inter-American Congress of Sanitary and Environmental Engineering (1998)

LA PAZ. BOLIVIA

First Bolivian Seminar on Environmental Management, TS & CR SRL Consulting (1998)

TEACHING

SANTA CRUZ - BOLIVIA

- ♣ Teacher in Safety, Environmental and Occupational Health Engineering according to the Standards of the Private University of Bolivia UPB in the module:
 - Work at Height, Confined Space, Excavation and Hot Work (2020)
- Professor at the Institute for Excellence in Gas, Energy and Businesses
 INEGAS Hydrocarbons in the topics of environment, safety and quality (2010 2015)
- ♣ Teacher in the Diploma of Integrated Quality and Environment Management Systems and Occupational Health and Safety of the UDABOL University in the modules:
 - Implementation of Occupational Health and Safety Management Systems based on the OHSAS 18001 specification. (2005 2008)
 - Verification of Occupational Health and Safety Management Systems based on the OHSAS 18001 specification. (2005 2008)
 - Verification of Environmental Management Systems based in the ISO 14001 standard (2005 2007)
- Teacher at IBNORCA (Bolivian Institute of Standardization and Quality) for the Programs:
 - Specialists in Occupational Health and Safety Management Systems, according to the NB OHSAS 18001 standard dictating the modules:
 - Management System Audits (2004 2006)
 - Introduction to Occupational Health and Safety Management Systems (2005 2007)
 - Specialists in Environmental Management Systems according to the standard NB ISO 14001 dictating the modules:
 - Clean and End-of-Pipe Technologies (2004 2007)
 - Identification and Evaluation of Environmental Aspects and Impacts (2005 2006)

COURSES CARRIED OUT

TOPIC: QUALITY, SAFETY, ENVIRONMENT AND HEALTH

SANTA CRUZ - BOLIVIA (2003-2020)

- Advanced Inspection Program, Testing and Maintenance of Fire Systems (2022)
- Inspection and maintenance of fire extinguishers (2021)
- Inspection and testing of Uprights-Hoses (2021)
- **♣** Automatic Sprinkler System Inspection and Testing (2021)
- ↓ Internal Auditor according to ISO 45001:2018 OSH Management Systems TÜV Arg. (2020)
- **↓** Implementation of the ISO 45001:2018 OSH Management Systems Standard **TÜV Argentina**(2020)
- Implementation of the ISO 45001:2018 OSH Management Systems Standard ISOS TEACH Peru (2020)
- HAZMAT Level I First Responder (Certificate of Approval) Proyseg Panama (2020)
- 1st International Congress on Security, Environment and Emergencies CISAEBOLIVIA 2017(2017)

- ♣ NFPA 101 Life Safety Code (2008)
- Lead Auditor in Occupational Health and Safety Management Systems OHSAS 18001:1999 IRCA Certification (2005)
- ♣ National Environmental Advisor CAINCO and Swedish Cooperation (2005)
- ♣ Corporate Social Responsibility IRAM (2005)
- Advanced Course for Internal Auditors of Integrated Management Systems Multiple Standard-BOLIVIAN CHAMBER OF HYDROCARBONS (2005)
- **♣** Safety and Interpretation of Risks in the Handling of Chemical Substances (2004)
- ♣ Planning and Implementation of a Quality Management System according to ISO 9001:2000 Standard – IRAM (2004)
- ♣ Corporate Social Responsibility CAINCO (2004)
- Administration of national environmental impact and control systems environmental quality – UPSA (2004)
- ♣ Training of Internal Safety, Environment and Health Auditors with based on ISO 14001 and OHSAS 18001 - DNV (Cert. Approval) (2003)
- Observations of accident risks Accident investigation –
 Detection of unsafe attitudes SCOTT (2003)

COCHABAMBA - BOLIVIA (2002-2020)

- Third National Environmental Symposium Integrated Management Systems CHAMBER OF INDUSTRIES (2005)
- ♣ Investigation of real and potential losses DUPONT (2003)
- ♣ Behavioral audit system DUPONT (2003)
- Training of Internal Safety, Environment and Health Auditors with based on ISO 14001 Standard and BS 8800 Guide – BUREAU VERITAS (2002)

BUENOS AIRES, ARGENTINA

♣ Introduction to Life Cycle Analysis ISO 14040 to 14049 - IRAM (2004)

RIO DE JANEIRO BRAZIL

First Petrobras Internal Seminar on Waste and Impacted Areas (2003)

MANAUS - BRAZIL

♣ Combating oil spills and use of equipment - ALPINA BRIGGS (2001)

NEUQUEN - ARGENTINA

View of the company's Río Neuquén Field facilities (1998) Perez Companc

TOPIC: VOCATIONAL TRAINING

- **♣** Strategic Planning with Extended Balanced Scorecard BSC-E- FIISS (2002)
- ♣ Training in different SAP/R3 modules ERNST & YOUNG (2002)
- ♣ Motivation and Human Relations IDEA (2001)
- Management Techniques IDEA (2001)
- ♣ Theoretical Practical Aspects of Chemical Corrosion (1996)
- ♣ "Pinch Method" Analysis of Thermal Systems with Energy Savings (1995)

LANGUAGES

SPANISH: Excellent (Native Language)

ENGLISH: High level in reading, medium level in writing and understanding.