



CARLOS CASTANO

PRODUCTION ENGINEER -
PROJECT MANAGEMENT & WATER
REUSE SPECIALIST

Professional Summary

Dedicated professional with excellent expertise in hydrocarbon production, treatment of contaminated water and soil in the Oil & Gas industry, and the treatment and recovery of hydrocarbons from production sludge. Proficient in quality management and experienced in contract management, project planning and execution, administrative knowledge, strong leadership skills for managing personnel, and collaboration within interdisciplinary teams. Adept at successfully implementing and managing wastewater treatment processes using electrocoagulation techniques while ensuring compliance with environmental regulations and industry standards.

Skills

- Time and goal management
- Adaptation to high-pressure environments
- Data Analysis and reporting
- Laboratory testing and analysis
- Research and development

Contact

Phone: +57 318 582 8087

Email: ccastanoo@gmail.com

www.linkedin.com/in/carloscastano-
978bb9215/

Bogota, Colombia

Work history summary

TECHNICAL DIRECTOR | ECOSOLUCIONES SAS Bogota - December 2021 - Current

Manage all projects in the Industrial and Oil and Gas lines, provide support for the company's special projects, oversee operations when management or operations require it, with the goal of reporting directly to the General Management. Plan and coordinate the provision of services through technical and professional personnel in activities related to water recovery and treatment processes.

Developed suggestions for technical process improvements to optimize resources.

Assessed expected technical challenges and developed proactive solutions.

DIRECTOR OF OPERATIONS | FUNDACIÓN ACCUA CORP (Non-profit Organization) Bogota - May 2020 - Current

Business development, operations coordination, and assembly of oily sludge processing and tertiary water treatment plants. Project Manager. Estimation and budgeting of resources and costs.

DIRECTOR OF OPERATIONS | DOMINION COLOMBIA SAS Bogota - January 2018 - May 2020

Project management in hydrocarbon treatment and recovery processes, industrial water treatment, equipment preparation, business projection, and budgets for each of the work fronts, procurement management, customer and supplier relations.

- Worked collaboratively with functional leaders to implement new procedures and corrective actions to improve quality.
- Monitored office workflow and administrative processes to keep operations running smoothly.
- Defined, implemented, and revised operational policies and guidelines.
- Controlled budgetary aspects while making effective use of operational resources

DIRECTOR OF OPERATIONS | INDUSTRIA AMBIENTAL S.A.S. Bogota - August 2012 - January 2018

Project management in recovery systems, industrial water treatment, tender preparation, procurement management, customer and supplier relations.

- Management of a human resource team of over 30 people.
- Monitored budget and utilized operational resources.
- Negotiated with vendors, suppliers and other stakeholders to acquire mutually beneficial contracts and agreement.

Languages

Español: Native

English: B2

Education

- BS - UNIVERSIDAD EAN - PRODUCTION ENGINEER
Bogota Jul 2014 - Dec 2017
- POST GRADUATE SPECIALIZATION - UNIVERSIDAD EAN – PROJECT MANAGEMENT
Bogota Jan 2018 - Nov 2018
- POSTGRADUATE SPECIALIZATION - UNIVERSIDAD DE ALICANTE - DESALINATION AND WATER REUSE
Alicante – Spain Nov 2020 - Jun 2021
- DIPLOMA - UNIVERSIDAD DE CAMAGÜEY - WASTEWATER TREATMENT
CAMAGÜEY – CUBA Dec 1998 - Mar 1999

GRADUATE PROJECT

Foundation and study of the Chemical-Biological Treatment of residues from the Abel Santamaría tannery in the province of Camagüey - Republic of Cuba.

Score 5/5

03/2021 - 03/2021	ACID MINE DRAINAGE (AMD) IN MINING Ecoambiental Group – Colegio de Ingenieros del Perú
03/2009 - 03/2009	MANAGEMENT OF ENVIRONMENTAL LIABILITIES: TREATMENT OF PONDS IN THEIR THREE PHASES - WATER, CRUDE, AND SEDIMENTS Elite Training
08/2007 - 08/2007	NAWT Inspection Training & Certification Workshop University of Arizona Extension Water Quality
05/2007 - 05/2007	6-LABS LATIN AMERICAN BIODEGRADATION AND BIODETERIORATION SYMPOSIUM Pontificia Universidad Javeriana
05/2007 - 05/2007	BIOREMEDIATION OF CONTAMINATED ENVIRONMENTS Pontificia Universidad Javeriana
09/2002 - 09/2002	CATHODIC PROTECTION LEVEL 1 NACE International
06/2001 - 06/2001	BASIC CORROSION COURSE NACE International

Accomplishments

PUBLICATION

POTABILIZATION OF RAW WATER IN A BASIC TREATMENT PLANT FOR COMMUNITIES IN RURAL AND SCATTERED AREAS at XII Technical Scientific Conference Chemical Engineering in a Global Perspective. ISBN: 978-958-48-1398-5. p27, Abstract Book. Cartagena de Indias, D. T. y C., May 10, 2017

HONORABLE MENTION Outstanding Actions for the Benefit of Society and the Environment. EAN University - October 31, 2017.

Additional Information

Relevant Projects

- Crude oil recovery from tank bottoms treatment: Recovery of 16,000 barrels of crude from slop oil tanks and treatment ponds.
- Consulting for the Technical Supervision of Production Contracts: Management of HSEQ (Health, Safety, Environment, and Quality) Operations in the Solid and Hazardous Waste Management Activities. Ecopetrol - SOA 2008-2010.
- Internal chemical cleaning of equipment: Cleaning of flowlines and surface equipment at Apiay Field and Castilla Field - October 2007 - March 2008
- Industrial wastewater treatment and sludge bioremediation: Industrial wastewater treatment 1,500 BPD, crude demulsification treatment 10,000 BPD, June 2001 to May 2002.
- Crude Oil recovery from slop 800 BFPD - Ecopetrol Moriche Field - 2023 - 2027