

Rodny Bastidas



Mechanical Engineer

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Address: Male Maldives Islands

Work Authorization: Venezuelan Passport #182141278 (Available for international assignments)

PROFESSIONAL SUMMARY

Mechanical Engineer with 28+ years of national and international experience in industrial maintenance, oil drilling, logistics, and safety. Proven expertise in onshore/offshore operations (FPSO, Jack-Up, platforms), predictive and corrective maintenance of heavy machinery, naval equipment, and complex mechanical systems.

Skilled in SAP PR3MM650, PRIMAVERA, and DIMS systems for planning, procurement, and logistics control. Multifunctional professional trained in emergency management, failure analysis, technical inspections, safety brigades, drone piloting, and executive protection.

EXPERIENCE

Marine Mechanical Engineer

Company Holding Tower Island Maldives September 2025 – current

Power Generation Plants: Operation and maintenance of diesel generators (from 500 kVA to several MW), which are the island's sole source of power. This includes fault diagnosis, major and minor repairs, and consumption management.

Water Systems: Supervision of desalination plants (reverse osmosis). Ensuring the production of potable water is one of their most critical tasks.

Air Conditioning: Maintenance of centralized air conditioning systems (chillers) and individual units, vital in the tropical climate.

Fleet Maintenance:

- **Various Vessels:** Maintenance of diesel engines on speedboats, barges, dhoni (traditional boats), catamarans, yachts, and, in some cases,
- **Auxiliary Systems:** Repair of hydraulic (for davits), electrical, fuel, and bilge systems.
- **Regulatory Compliance:** Ensure that all vessels comply with maritime safety regulations.

Specialized Equipment Maintenance:

- **Water Pressurization Systems:** For water supply to all villas.
- **Wastewater Treatment Plant Equipment:** Crucial for coral reef protection.
- **Diving and Snorkeling Equipment:** High-pressure air compressors, tank and regulator maintenance.
- **General Equipment:** Pumps, motor pumps, utility vehicles (UTVs), etc.

Project Management and Logistics:

- Maintenance Planning and Execution: Scheduling technical shutdowns to minimize the impact on resort operations.
- Inventory and Spare Parts Management: A key challenge. Must anticipate needs months in advance due to long delivery times (imports can take weeks).
- Equipment Supervision for a team of technicians (mechanics, electricians, plumbers).

External Mechanical Technical Advisor

Hotel Grand Memories, Varadero, Cuba | *Nov 2023 - Jan 2024*

- Directed preventive/predictive maintenance programs for 100+ hospitality assets (HVAC, electrical, plumbing), achieving 99.5% operational uptime.
- Implemented CMMS (IBM Maximo) to streamline work orders, reducing repair response time by 25%.
- Ensured compliance with ISO 55000 asset management standards and Cuban safety regulations (NC 18000).

Security Director

Valles de Aragua S.A / Copack de Venezuela | *Dec 2020 - Present*

- Led risk assessment teams, reducing security incidents by 40% through upgraded AI-powered surveillance systems.
- Coordinated with VEN 911 emergency services to develop crisis response protocols for industrial facilities.
- Managed \$500K budget for security technology upgrades (Hikvision CCTV, biometric access control).

Logistics & Maintenance Specialist (Companyman)

PDVSA Oriente (TotalEnergies/Equinor JV), Orinoco Oil Belt | *Oct 2012 - Dec 2019*

- Supervised maintenance of 50+ heavy equipment units (Weir pumps, Ariel compressors) in extra-heavy crude (8°API) fields.
- Optimized JIT inventory management, cutting equipment downtime by 30% through SAP-MM integration.
- Acted as Company Representative (Companyman) enforcing HSE standards (API RP 754, OSHA PSM).

Offshore Service Engineer

- Trident Consulting, Netherlands & Venezuela | *Jan 2010 - Dec 2011*
- Provided technical advisory for FPSO maintenance (SBM Offshore-modules) and marine asset acquisitions.
- Conducted feasibility studies that reduced client CAPEX by 15% on subsea drilling equipment.

Marine Logistics Coordinator

Navianet C.A, Venezuela | *Mar 2009 - Dec 2010*

- Managed procurement of Wärtsilä/MAN marine spare parts, achieving 98% inventory accuracy.
- Negotiated contracts with Rolls-Royce Marine, saving \$200K/year on logistics costs.

Mechanical Maintenance Manager

SOGUINTEC, Equatorial Guinea | *Jun 2008 - May 2009*

- Oversaw maintenance of mining equipment (CAT 797F trucks, Liebherr LR 13000 cranes).
- Implemented RCM (Reliability-Centered Maintenance), extending asset lifespan by 20%.

Drilling & Logistics Supervisor (Companyman)

SINCOR (TotalEnergies/Equinor JV), Venezuela | *Feb 2006 - Jan 2007*

- Coordinated rig mobilization (Nabors Drilling) for 10+ wells in Orinoco Belt.
- Managed \$50M drilling equipment contracts (National Oilwell Varco, Schlumberger).

Maintenance Chief

Electromiesa CHP Plant, Dominican Republic | *Jul 2005 - Jun 2006*

- Managed Siemens SGT-400 gas turbines maintenance, boosting efficiency by 12%.
- Trained 15+ technicians on ISO 9001 procedures.

Stimulation Engineer

BJ Services, Maracaibo, Venezuela | *Sep 2000 - Aug 2001*

- Performed matrix acidizing (HCl/HF blends) and coiled tubing interventions, increasing production by 35%.
- Certified in H2S safety (OPITO) and well control (IWCF Level 2).

Machinery Officer

Venezuelan Army, Maintenance Command | *Apr 1997 - Mar 2000*

- Directed maintenance of 200+ military assets (FNSS armored vehicles, Damen patrol boats).
- Led overhaul programs following NATO-standard maintenance protocols.

Education

Mechanical Engineer, Naval School of Venezuela (1992).

Global Mobility: Available for relocation (valid passport + international experience in 5+ countries).

Languages

Spanish, Italian: Native.

English: B2.

Portuguese, German, French: A2.

Arabic: A1.

Certifications & Training

- International Well Control Certification.
- Industrial Safety (Chevron, PDVSA, National Guard).
- Firefighting Phase I & II.
- IMO Course (Sea Survival).
- Professional UAV/Drone Operations.
- Advanced Hydraulics & Blueprint Reading.
- Emergency Response Team (PDVSA).
- Confined Spaces & Hazardous Materials Handling. Competent Person Training (ATESI).

Core Competencies

- Mechanical Maintenance: Rotating equipment, diesel engines, naval and industrial machinery.
- Drilling: Conventional & horizontal drilling, workover, well completion.
- Logistics & Procurement: Inventory control, transportation, contract administration.
- Industrial Safety: Risk prevention, executive protection.
- Systems:
 - DIMS, PRIMAVERA 5.0.
 - MS Office, AutoCAD.
 - SAP PR3MM650 (Material Management).
 - SAP Plant Maintenance (PM).
 - CMMS (Computerized Maintenance Management System): Defense-sector maintenance software.