

# JOSÉ ANTONIO AGUIRRE RIVAS

VILLA MARINA, CIUDAD DEL CARMEN, CAMPECHE, MEXICO.

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## Professional Profile

CHIEF ENGINEER, with extensive knowledge in Engines Operations, maintenance, inspecting and safe operations according to Maintenance schedules of Main Engines, Auxiliary Machinery, Generator Set, Electric, electronic, Hydraulic systems, **18 years** experience in mechanical engineering. **11 years experience as CHIEF ENGINEER and first Engineer**, working on AHTS, PSV, FSV, TUGS, DSV, (chief engineer and First Engineer) with knowledge of international regulations, SOLAS, MARPOL, ISM/ISPS/HSE/USCG regulations, IACS etc..

### 1 year as Superintendent ( Operations Manager) and Port Engineer

in charge of 8 vessels AHTS, FSV, TUGS of company, attending the Maintenance, Logistic, operation, Inspection, Certifications, etc.

**LANGUAGE:** Spanish Native, English

## Aptitudes

### SAFETY IS FIRST

- ✓ Experience with machinery repairs, overhauls and other types of repairs; **wide knowledge of mechanical engineering** and marine/mechanical, electrical, hydraulic, pneumatic systems and structural engineering.
- ✓ Wide knowledge in Main Propulsion systems, 2 and 4 strokes Main engines.
- ✓ Experience with **DO, IFO, and HFO Fuel Systems** in Main Engines,.
- ✓ Auxiliary equipments as Generators Sets, Boilers, Purifiers, Evaporators, compressors, pumps, turbines, and safety devices
- ✓ **Z-drive, Azimuth, direct shaft propeller, Diesel-Electrical propulsion, variable control pitch,**
- ✓ Skillful in tough situations.
- ✓ **Engines Experience with: MTU, CATERPILLAR, CUMMINS, JOHN DEERE, YANMAR, DETROIT DIESEL, generator sets and main propulsion engines.**
- ✓ **Wide knowledge in SOLAS/MARPOL/ISM/ISPS/IOPP/HSE/USCG/ International Regulations, IACS Regulations, maritime laws and legal requirements.**
  - ✓ **Focused on security operations**
  - ✓ **Ability to command the team to achieve objectives.**
  - ✓ **Wide experienced on drydock works**

## Experience

### **11 years Chief Engineer unlimited license**

Working as Chief Engineer, DSV, RV, Offshore Supply Vessel, Tugs, AHTS

### **1 year as Superintendent ( Operations Manager) and Port Engineer**

At command of the Operation, maintenance, certifications, Safety, inspections and new contracts, of 08 company vessels, FSV, OSV, AHTS, TUGS,

### **18 years Engineer Officer**

Working as 3rd engineer, 2nd engineer, first engineer in RORO's Bulk Carrier, ferrys, offshore vessels, AHTS, OSV, DREDGING HOPPER

#### **Experience with:**

- Caterpillar Main Engines and Generator Set`s, series 3500, 3400, C9, C18, C32
- EMD engines and equipment.
- Detroit Diesel Engines and equipments.
- Cummins Equipment. John Deere Equipment.
- MTU, SULZER, Akasaka Mitsubishi propulsion engines
- EMD engines and equipment.
- MAK main engines
- Detroit Diesel Engines and equipments.
- Caterpillar auxiliary Equipment
- Cummins Equipment. John Deere Equipment,
- Control pitch propulsion systems
- Hydraulic-electrical systems.
- Automation systems,• Electronics systems. • Pneumatic systems • Welding. • Azimuth Thrusters

## Functions:

- WORK WITH SAFETY under rules, regulations and company policies.
- Responsible for keeping the ship's propulsion systems, power plant and auxiliary systems running at all times, be ensure all of the ships' firefighting and safety systems works at all time.
- Lead engine room members in operating all engine room machinery and equipment in a safe, efficient, verifying compliance with relevant regulations.
- Consistently monitor, controls, and troubleshoots all engine machinery equipment while being on watch.
- Properly conducts and coordinates all assigned maintenance activities
- To register of work history through maintenance management system as laid down in the Company policies and procedures.
- Prepare and **implement** annual maintenance and inspections programs.
- Have a Diagnostic of different problems aboard of vessels to determinate the

appropriate action or repair works.

- Evaluate data as to scope, effect on existing programs, **economic values**, long range planning and budgetary considerations.
- Act as an **on-site inspector** as required.
- Bring all elements of a **marine repairs project** together in the field and take corrective action as required to make certain that all elements proceed satisfactorily on schedule within costs and time allowed.
- Thorough experience for dry docking works requirements, with the ability to schedule and manage budgeting requirements.

### **Superintendent ( Operations Manager) and Port Engineer**

From September 2020 to November 2021, Argo oil and Gas Mexico Company. At command of the Operation, maintenance, certifications, inspections and new contracts, of 08 company vessels.

### **CHIEF ENGINEER EXPERIENCE**

**Chief Engineer** on board of the PSV **Bourbon Artemis** of 6800 HP. from December 2021 to November 2023

UNAM **first Engineer** on board the RSV (Research/Survey vessel) **EL PUMA** a 1050 DWT from July 2018 to September 2020

**First Engineer** on board the FREEWAY, a **HOPPER DREDGER (TSHD vessel)** of 4320 GT, 5780 SDWT, of 5400 KW, from April 2017 to March 2019

California Maritime Transportation Company. **Chief engineer** on board the **ODYSSEA DUKE DSV (Dive Support vessel)** with 4 EMD ME a 7200 hp from February 2015 to March 2017.

North Bank Towing Company. **Chief Engineer** aboard the 4610 HP DP1 Odyssey Duke from August 2011 to December 2014 North Bank Towing Company.

**Chief Engineer** on board the M/V DP1 Palma River of 4610 HP from April 2011 to July 2011 North Bank Towing Company.

**Chief Engineer** on board the ship Capt. John of 5100 HP from February 2010 to March 2011 North Bank Towing Company.

**Chief Engineer** on board the vessel Martha Eugenia AHTS ship of 7000 HP from September 2006 to January 2010 North Bank Towing Company.

**First Engineer** on board the 7000 HP Martha Eugenia ship from May 2005 to August 2006

California Maritime Transportation Company. **First Engineer** aboard the Santa Rita RO-RO 2 MAK Engines from August 2004 to March 2005.



## Education

MERCHANT MARINE ACADEMY studies at Campus Mazatlán School from 2000 to 2004

Marine Mechanical Engineer degree

Marine Machinist degree

Degree as Chief Engineer Unlimited License

Degree as Marine Mechanical Engineer

Certificate as OCPM (MSCO) issued by the Merchant Marine

Certified as Internal Auditor of ISM (Security Management System)

Valid passport

Valid American Visa B1/B2

Medical certificate

Advanced Fire fighting advanced Certificate

Survival crafts and Rescue Boats crafts certificate

Designed Security Duties 13.3 certificate

Engine Room Resource Management certificate

Basic Safety Training Certificate