



JON LASAGA

Senior Lead Mechanical & Rotating - Commissioning & Maintenance

44 years old

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Maintenance & Commissioning Engineer

Safety

Project Management

Mechanical



An adaptable and results-driven engineer with strong organisational and communication skills, developed through extensive involvement in major Oil & Gas projects and multidisciplinary offshore environments.

With 10 years in mechanical maintenance and 15 years in mechanical, rotating and static commissioning, I bring a complete life-cycle perspective from equipment reliability and field troubleshooting to system performance and start-up readiness.

Strong track record in vendor coordination, FAT follow-up, field execution and system handover on complex international projects.

Deep familiarity with TotalEnergies standards, HSE requirements and project milestones, ensuring safe, reliable and efficient delivery of mechanical and rotating scopes.

EXPERIENCE

Commissioning Engineer - Remote

TOTALENERGIES - TILenga PROJECT - January 2025 to June 2025



- Commissioning procedure writing for the Annulus Gas Compressor
- Preparation of spare part list and tools list
- Piping testing training preparation and presentation to the subcontractor

Commissioning Engineer - Mechanical Leader - Denmark

TOTALENERGIES - TYRA REDEVELOPMENT PROJECT - February 2020 to December 2024



- Operational Test Procedures writing
- Mechanical commissioning activities preparation and execution with on-field follow-up
- Mechanical / Piping punch list issuance and clearance
- As built / as commissioned mark-up follow up
- Vendor activities monitoring and coordination
- ICAPS© database preparation following OPERCOM™ philosophy
- Daily, weekly and monthly discipline reporting
- Supervision and coordination of mechanical commissioning team

Commissioning Engineer - Mechanical Leader - Project Manager - South Korea

BP - ARGOS FSU (Mad Dog 2) - ACTEMIUM - September 2018 to February 2020



- Commissioning procedure writing
- Interface between contractor and sub contractor
- Mechanical and rotating commissioning activities follow up
- Project management for Actemium
- Planning and coordination of resources to secure commissioning milestones

SKILLS

Commissioning & Completion

- Test Procedure Preparation and Execution
- Troubleshooting
- Punch list management
- System handover (RFC / AOC / TOM)

Maintenance & Operation

- Reliability-centered maintenance strategy (preventive, predictive, condition-based)
- Spare-parts & inventory optimisation
- Maintenance backlog management, KPIs, and reporting

Leadership & Coordination

- Commissioning team supervision
- COMPANY / EPC / Vendor interface
- Multidiscipline coordination
- Progress monitoring & reporting

Mechanical & Rotating

- Gas Turbine Generators
- Gas Compressors
- Pumps & rotating machinery
- Static equipment

HSE

- Risk assessments
- Safe systems of work
- HSE compliance during commissioning

INTERESTS

Sports

rugby (team game & strategy)

Commissioning Engineer - Mechanical Leader

EQUINOR - MARTIN LINGE FSO - ACTEMIUM - October 2017 to July 2018 - Full-time - Poland



- Data base preparation for ICAPS© following OPERCOM philosophy
- Operational Test Procedure writing
- Factory Acceptance Test follow up
- Interface between contractor and subcontractor
- Mechanical and rotating commissioning activities preparation and execution on field follow up
- Daily, weekly and monthly discipline reporting
- Vendor activities monitoring
- Mechanical / Piping punch list clearance
- As built / as commissioned mark-up follow up

Commissioning Engineer - Mechanical Leader

INPEX - ICHTHYS FPSO - ACTEMIUM - September 2013 to July 2017 - Full-time - South Korea



- Data base preparation for ICAPS© following OPERCOM™ philosophy
- Operational Test Procedure writing
- Factory Acceptance Test follow up
- Interface between contractor and subcontractor
- Mechanical commissioning activities preparation and execution on field follow up
- Daily, weekly and monthly discipline reporting
- Vendor activities monitoring
- Mechanical / Piping punch list clearance
- As built / as commissioned mark-up follow up

Commissioning Engineer - Mechanical Leader

TOTAL - CLOV FPSO - CEGELEC - January 2012 to August 2013 - Full-time - South Korea



- Data base preparation for ICAPS following OPERCOM philosophy
- Operational Test Procedure writing
- Factory Acceptance Test follow up
- Interface between contractor and subcontractor
- Mechanical commissioning activities preparation and execution on field follow up
- Daily, weekly and monthly discipline reporting
- Vendor activities monitoring
- Mechanical / Piping punch list clearance
- As built / as commissioned mark-up follow up

Commissioning Engineer - Mechanical Supervisor

TOTAL - PAZFLO FPSO - CEGELEC - January 2009 to January 2012 - Full-time - South Korea



- Data base preparation for ICAPS following OPERCOM philosophy
- Operational Test Procedure writing
- Factory Acceptance Test follow up
- Interface between contractor and subcontractor
- Mechanical commissioning activities preparation and execution on field follow up
- Daily, weekly and monthly discipline reporting
- Vendor activities monitoring
- Mechanical / Piping punch list clearance
- As built / as commissioned mark-up follow up

Commissioning Engineer - Safety Equipment Leader



CEA - LASER MEGAJOULE (Atomic Fusion Refining Tests) -
August 2008 to February 2009 - Full-time - France

- Tests and start-up of Fire & Security Power Stations (CMSI Chubb security)
- Tests and start-up of fire extinguishing automatic system (FOG Marrioff System)

Maintenance Mechanical Foreman

TOTAL - GIRASSOL FPSO - December 2007 to July 2008 - Full-time -
Angola



- Management of local team (10 people)
- Preventive maintenance and repair of all equipments bound of oil production (pumps, compressors, valves, hydraulic unities, capacities of stocking...)
- Report with SAP (software)

Mechanical / Electrical / Refrigerating Engineer

COBRECAF - September 2000 to October 2007 - Full-time -
Seychelles



- Manager of commercial refrigerating plan (NH3)
- Monitoring of the hydraulic winch BLM (prototype) : maintenance of the driven screw, replacement of brake pads, interventions following electrical breakdown (coder wheels) and mechanical (driven screw)
- Monitoring of annexe craft (600 KW) : daily patrol (oil, water, searching of failure)
- Manager of the commercial offloading, management of local team (18 persons)
- Refrigerating material management (specific oil, NH3, filters, valves...)
- Manager of air conditioning
- Manager of food fridges
- Manager of electrical maintenance : searching of isolment failures, installation of lighting, repair of electric winches, handing of navigation and communication material

EDUCATION

Marine Technical Officer

FRENCH MARITIME ACADEMY (ECOLE NATIONALE SUPÉRIEURE MARITIME)
September 1998 to June 2000

Mechanical Marine Officer:
Mechanic
Electric
Hydraulic
Steam
Refrigerating Plant
Safety
Navigation
Naval Architecture

Mechanical Officer 3rd Class

MARITIME HIGH SCHOOL
September 1996 to June 1998

Mechanic
Electric
Hydraulic
Steam
Refrigerating Plant
Safety
Navigation
Naval Architecture