

CURRICULUM VITAE

ZENATI MOURAD

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- Nationality : Algerian.



Commissioning Instrument Technician

"I am a qualified and experienced Instrument Commissioning and Field Operation technician, working in the oil and gas, power plants, petrochemical industry for 16 years with deep technical skills installing, calibrating, inspecting and troubleshooting measurement and control systems (e.g. pressure, temperature, flow, motors and automated valves). I seek to join a dynamic team where I can apply my expertise to ensure the safe and efficient operation of industrial facilities." Thank you.

➤ **QUALIFICATIONS / EDUCATION**

- **DIPLOMA** of Senior Technician, Automatic & regulation at Institute June 2022
- **DIPLOMA** of Operator Inf.3 (Instrumentation) at EPSIMA - Algerie Batna 2016
- **DIPLOMA** of Mechatronics (Instrumentation) at Institute – Batna, Jan 2013
- **CERTIFICATE** Introduction to Instrumentation by Udemy, Feb 2022
- **CERTIFICATE** Field Operator by Udemy, Feb 2021
- **CERTIFICATE** Testing Commissioning Protection Siemens Relays by Udemy, May 2023
- **CERTIFICATE** Instrumentation & regulation by tekwin center 2022
- **CERTIFICATE** PCS7/CEMAT: N°1 / N°2/ N°3: System presentation by SEA –Sept 2024
- **CERTIFICATE** Instrumentation at regulation pétrolière by soneltech -JAN 2025
- **CERTIFICATE** DCS PCS7 Siemens by soneltech - Febru 2025

➤ **CERTIFICATE**

- 2025 - 2025: **CERTIFICATE** : Maintenance Instrument Technician by **AMS**
- 2025 - 2025: **CERTIFICATE** : Commissioning Instrument Technician by **H power**
- 2023 - 2024: **CERTIFICATE** : FIELD OPERATOR by **IRMA**
- 2022 - 2023: **CERTIFICATE** : FIELD OPERATOR by **ACTEMIUM**
- 2022 - 2023: **CERTIFICATE** : Commissioning Instrument Technician by **ACTEMIUM**
- 2022 - 2022: **CERTIFICATE** : Commissioning Instrument Technician by **IRMA**
- 2022 - 2022: **CERTIFICATE** : Instrument Technician by SHUTDOWN **BONATTI**
- 2021 - 2022: **CERTIFICATE** : Commissioning Instrument Technician by **SARPI**
- 2021 - 2021: **CERTIFICATE** : Instrument Technician by SHUTDOWN **BONATTI**
- 2019 - 2021: **CERTIFICATE** : Commissioning Instrument Technician by **JGC**
- 2018 - 2019: **CERTIFICATE** : LOOP TEST Instrument Technician by **SARPI**
- 2017 - 2018: **CERTIFICATE** : Commissioning Instrument Technician by **SARPI**
- 2017 - 2017: **CERTIFICATE** : LOOP TEST Instrument Technician by **SARPI**
- 2015 - 2017: **CERTIFICATE** : FIELD OPERATOR by **ABB**

- 2013 - 2015: **CERTIFICATE** : Commissioning Instrument Technician by **ABB**
- 2011- 2013: **CERTIFICATE** : Commissioning Instrument Technician by **SARPI**
- 2011 - 2011: **CERTIFICATE** : LOOP TEST Instrument Technician by **SARPI**
- 2010 - 2011: **CERTIFICATE** : LOOP TEST Industrial Electrician by **SARPI**
- 2009 - 2010: **CERTIFICATE** : Industrial Electrician by **SARPI**
- 2006 - 2007: **CERTIFICATE** : Industrial Electrician by **PETROJET**

➤ DETAILED PROFESSIONAL EXPERIENCE

- 27 Aug 25 – Until now: Maintenance (Berkine HBNS) GB /JGC Company with EVOLUTEC
Position :Commissioning Instrument Technician
- 02 Mar 25 – 23 Aug 25: Maintenance (Berkine Elmark) GB Company with AMS ALGERIE
Position : Instrument Technician
- 01 Jan 25 – 28 Feb 25: ORAN Seawatet analysis station H power Company with AEC
Position : Commissioning Instrument Technician
- 28 Oct 23 – 15 Des 24: Khenchela / Kais Power plant (Steam Turbine) DAELIM Company with IRMA
Position : Field Operator and PLC Operator
- 30 Jul 22 – 26 Oct 23: AIN Tsila Development Oil & Gas : ACTEMIUM Company with PETROFAC
Position : Field Operator and Commissioning Instrument Technician
- 01 Apr 22 – 27 Jul 22: Z CINA. Hassi Messaoud Oil & Gas SONATARCH Company with TECNIMONT
IRMA Position : Commissioning Instrument Technician
- 11 Feb 22 – 28 Mar22: Shutdown (Berkine) Oil & Gas company BONATTI
Position : Instrument Technician
- 05 Jul 21 – 09 Feb 22: Timimoun – CPF- TNK – SARPI Company with LT / SONATARCH
Position : Commissioning Instrument Technician
- 17 Apr 21 – 06 Jun 21: Shutdown (Elmark) Oil & Gas Company BONATTI
Position : Instrument Technician
- 05 Jun 19 – 15 Apr 21: Revamping south satellite JGC Company with SONATARCH (Hassi Mess)
Position : Field Operator and Commissioning Instrument Technician
- 26 May 18 – 02 Jun 19: Revamping south satellite SARPI Company with SONATARCH (Hassi Mess)
Position : LOOP TEST Instrument Technician and Cathodic Protection
- 26 Oct 17 – 25 May 18: Skid Gas Oil & Gas: ABB / SARPI Company with SONATARCH (Skikda)
Position : Commissioning Instrument Technician
- 26 Mrs 17 – 25 Oct 17: Skid Gas : ABINER companywith SARPI (Hassi R'mel Laghouat)
Position : Loop Test Instrument Technician
- 09 Sep13 – 28 Feb 17 : Recovery of flared gas :ABB Company with SONATARCH (Haoud Berkaoui)
Position : Field Operator and Commissioning Instrument Technicia
- 18 Jul 11 – 28 May 13: Recovery of flared gas (Construction): ABB Company with SARPI (Haoud Berkaoui) Position : Instrument Technicia
- 25 Mar 11 – 17 Jun 11: Oiling station SAIPEM Company with SARPI (Menzel Ledjmet East).
Position : LOOP TEST Instrument Technician
- 26 May 10 – 25 Mar 11: Solar panels Installation SARPI Company with ABINER (Hassi R'mel)
Position : Loop Test Industrial Electrician
- 04 May 09 – 25 May 10: Power plant ANSALDO Company with SARPI (Ain Jasser Batna)
Position : Industrial Electrician
- 08 Oct 06 – 07 Oct 07 : NK 1 (30"Tronçon Nord) project Company With PETROJET
Project (Ain Jasser Batna) Position : Industrial Electrician

➤ SKILLS

- Good knowledge in electrical schematics and P&ID.
 - >> in charge in process field operation.
 - >> following steam blowing procedure.
 - >> line up the condensate system for start up.
 - >> monitoring by pass operation of HRSG.
 - >> in charge in Water treatment building WTB.
 - >> checking the parameters of water such as conductivity, turbidity, ph...
 - >> responsible for operation (PLC).
 - >> controlling all the system such as raw water, service water, demi water, potable water.
 - >> following CIP(cleaning in place) procedure for membrane by using chemicals such as HCL, Acide citric,...
- Understanding measurement and control principles in industrial processes.
- Reading and interpreting electrical and schematic diagrams (P&ID, Loop Diagrams, Wiring Diagrams).
- Calibrating instruments such as pressure, flow, temperature, and level devices using calibration tools (e.g., HART Communicator and Fluke).
- Testing RTD sensors, thermocouples, pressure transmitters, and flow meters.
- Performing functional testing of instruments to ensure proper operation.
- Verifying wiring and signal connections between instruments and control units.
- Setting up and calibrating safety and alarm devices before startup.
- Coordinating with operations and maintenance teams to resolve startup issues.
- Ability to analyze faults and troubleshoot issues efficiently.
- Using testing tools (Multimeter, Loop Calibrator, Oscilloscope) to diagnose problems.
- Working with engineering and maintenance teams to resolve technical challenges
- Writing commissioning and calibration reports clearly and systematically.
- Reading and understanding operation and maintenance manuals for various instruments.
- Knowledge of DCS, SCADA, and PLC systems and their integration with instruments.
- Monitoring and Checking Liquid Levels in Oil and Gas Separators
- Operating and Shutting Down a Centrifugal Pump
- Handling Pressure and Flow Measurement Devices
- Operating the water treatment system
- Auxiliary boiler system Operation
- Experienced in operating and maintaining a variety of water treatment plant systems and equipment.
- Successfully operated and maintained multiple high-pressure pumping systems, water softening and filtration systems.
- Assisted in the development and implementation of water treatment plant safety protocols.
- Water Treatment Plant Operator, National Environmental Training
- Responsible for collecting and analyzing water samples to ensure that water quality complies with regulations.
- Conducted regular inspections and maintenance of water treatment systems, pumps, motors, valves, and other related equipment.
- Implemented changes to improve the efficiency of the water treatment process
- Communicate with field upstream downstream facilities fire station etc in case of emergencies
- monitor and adjust the process variables of units as needed to ensure safe efficient and proper operations
- Startups, Shutdowns and process, electrical Isolations, and De-isolations N2 leak testing and purging of pipelines vessels.... etc
- Confirming the energy isolation by using look out - tag out (LOTO) procedure
- Providing hose connections for purging or draining.
- Ensuring smooth shutdown and startup of the plant.
- Stabilizing the flame by adjusting air to burners.
- Back flushing strainers if required.
- De-chocking sample points.
- Taking control valves on hand jack if they are hunting.
- If a control valve does not have a hand jack, slowly opening the control valve bypass, isolating the control valve upstream and downstream valves, and handing it over to maintenance.
- Topping up lubricating oils for pumps.
- Maintaining housekeeping standards.
- Monitoring chemical inventory levels and adding dosing chemicals as required.
- Responding to emergency situations and following emergency procedures
- Inspecting instruments and control valves for hunting, gland leaks, and instrument air leaks.
- Informing the panel operator of any issues found to raise a work order.

- Adjusting various parameters based on analysis results, such as chemical dosing, to maintain optimal plant conditions.
- Checking rotating equipment for abnormalities such as abnormal sound, lube oil levels, motor load, suction and discharge pressures, and suction strainer differential pressure.
- Carry out pigging operations in crude Oil - Gas and water injection
- Experienced in dehydration NGL recovery Oil - condensate unit and utilities
- Operate and monitor chemical injection system in Oil - Gas and Water injection units - RO unit
- Commissioning and start up * Operate Aire compressor Atlas Copco * Operate Nitrogen compressor * Operate Produced water treatment. * Operate Separation (Oil,gas and water)
- Acquired good communication skills to ensure successful working relationships with EPC team in construction, pre commissioning & commissioning phases.
- Actively participating in Emergency/Fire drills.
- Taking weekly check-lists for Fire & Safety equipment; Oil & Chemical stock; Emergency equipment; Lightings ; Communication equipment etc.
- Understanding of all company procedures, PTW System, Safety systems, Review of Manuals, Start up procedures, P & ID.
- Co-ordinate plant/section or equipment isolations (PRC) for maintenance & inspection.
- Familiar with permit to work systems. Tests for combustible Gas oxygen and H₂S in the plant during maintenance activities
- Loop checking and commissioning of Oil metering and flare packages.
- Testing of all fire and gas and process Cause and Effect systems.
- Testing and OTP Demonstration with Operations and Third party witness (ABS).
- Loop checking and commissioning of vessel tank gauging systems.
- Inspection of all vendor packages, Prepare and eliminate all the A&B punch lists.
- Prepare and submit all the related commissioning documents ITRs.
- Prepare daily progress and report to the construction managers and superintendents.
- working as coach-lists for training junior employees
- Meet company target efficiently safely
- Mechanical air compressors (screw and piston).
- Maintenance of generators.
- Handling an H₂S (Hydrogen Sulfide) Gas Leak
- Trouble shooting Calibration of instrument (TT- PT- FT- LT- PDT.....).
- Trouble shooting of instrument F&G (DEF- DEH -
- Trouble shooting Calibration of Control valve (PV- LV- TV- FV- MOV- XV..).
- Trouble shooting of valve (SDV- BDV- XV- PSV-ESDV -..).
- Loop checking of all type of Signals and field instruments like Transmitters, Control valves Pneumatic , Hydraulic and Shutdown valves
- I worked in the Function test.
- Repair, install and maintain Power Plant Telemetry I/O & Peripherals, Instrumentation and Controls, and Monitoring Equipment.
- Fire & gas, safety instrumented systems, emergency shutdown, process shutdown and process control systems associated with gas plant.
- Started as part of an E&I commissioning and start-up team on multiple projects.
- Worked directly with Siemens during Start-Up and Commissioning of Turbine/ Generator package to resolve wiring and installation related issues.
- I worked in the Loob test.
- I worked in the system- Honeywell -NuovoPignone -ABB - SIEMENS - EMERSON.
- I have good knowledge of DCS System (there is chance commissioning).
- I have good knowledge of ESD System (there is chance commissioning).
- I have good knowledge of F&G System (there is chance commissioning).
- I have good knowledge of the use of the HEART transmitter calibration (Heart 475 - 375 - 275 - Fluke 745 - boamex mc6 price - Druck DP1620 Process calibrator - Omega DPI 603).
- Pre - commissioning and commissioning in thermodynamic centrifugal reciprocating compressor compressors and NuovoPignone - SIEMENS - ABB - Honeywell.
- Mechanical industrial equipment (bearing assembly, lubrication, gear.....).
- Installation of firefighting and fire fighting systems surveillance cameras and alarms (Alarms and smoke detectors, fire, gas, heat and flames.).
- Good Knowledge in Cathodic Protection.
- Good knowledge of HSE procedures.
- Strong background in Instrument calibration and repair (ZSL - ZSH - PSHH - PSLL - LSLL - LSHH -).
- Proficient in Tubing (instruments - valves - Skid Gas).
- Able to solder Optical fiber Cables.

- Profession in Optical fiber
- I have a certificate in First aid
- Fire fighting intervention certificate
- **Software: Microsoft Windows XP, 7, 8, 10 Office (Word, Excel, Power Point).**

➤ LANGUAGE

- Berbère: First Language
- Arabic: Spoken and written
- French: Spoken and written
- English: School notions

➤ FURTHER INFORMATION

- I have a Driving license (B)
- I have a Passport.
- Military Service: Free from any obligation
- Possessing a strong personality and controlling the work
- I have a second level English language certificate.