

MAZEN ABDALHAFEDH ABDULLAH SAIF

Instrument Maintenance Technician

Phone: +967776777085 | Email: Mazen.ssaif@gmail.com | Nationality: Yemeni | Date of Birth: 04/1988

LinkedIn [www.linkedin.com/in/mazen-saif](http://www.linkedin.com/in/mazen-saif)

Target Position: Instrument Maintenance Technician | Industrial Instrumentation | Plant Operation and Maintenance (O&M) | Hydraulic Technician | Water & Utility Plants technician



### Summary

Experienced Instrumentation Maintenance Control Technician with over 10 years in instrumentation maintenance, process control systems, and electrical communication. Specialized in oil and gas industry instrumentation, ensuring plant reliability, safety compliance, and efficiency. Skilled in industrial hydraulic, pneumatic and electric automation commissioning, troubleshooting, and preventive maintenance.

### Technical Skills & Expertise

- **Control & Mechanical Systems:** Proficient in Electrical Systems, Pneumatic Systems, and Hydraulic Systems.
- **Industry Exposure:** Worked across diverse sectors including Oil and Gas Facilities, water cleaning units, slickline unit, Power Plants, Industrial Facilities, HVAC, Renewable Energy, Incinerators, water utilities and Chemical Plants.
- **Industrial Automation:** Skilled in PLC, SCADA, and HMI systems for process control and monitoring.
- **Maintenance & Troubleshooting:** experience in Preventive/Corrective Maintenance and Fault Diagnosis.
- **Instrumentation & Process:** Competent in Installation, Calibration, Testing, Assessment, site acceptance, and Process Operation using standard test equipment such as HART 475, FLUKE 754, FLUKE 786 and other bench tests.
- **Fire & Gas Systems:** Familiar with FM100, FACP (Fire Alarm Control Panel), Fire & Gas Detection Systems.
- **Commissioning & Monitoring:** Hands-on in plant Monitoring, Commissioning, and Start-up of new systems.
- **Safety Devices:** Inspection, Testing, Calibration, Repair, and Maintenance of Pressure Relief /Safety Valves using standard bench test Hydratron bench test and related systems such as ESDVs, Actuators and blowdown valves.
- **Tender & Procurement Management:** Skilled in preparing technical documentation, analyzing bids, and executing project tenders.
- **Reporting & Analysis:** Skilled in Technical Reporting, Root Cause Analysis, and SAP System Entries for maintenance tracking.

### Experience

#### OMV Group Oil & Gas Company

Senior Instrument Maintenance Technician

📅 01/2022 - 01/2025 📍 Yemen

Instrument Maintenance Technician

📅 12/2014 - 05/2022 📍 Yemen

- Involved in Project construction completion check and walkthrough, pre-commissioning, commissioning, PSSR, start-up activities, Site acceptance tests, and Performance tests as directed by Lead/Senior Commissioning Engineer and advice from respective discipline Engineer to achieve project scope and Operations Readiness objective.
- Maintained, tested, and troubleshooted Hydraulic/Electric/Pneumatic Instrumentation and control systems.
- Coordinated with other disciplines (Electrical, Mechanical, Process) during commissioning activities.
- Conducted preventive and corrective maintenance for critical instrumentation.
- Performing testing and commissioning activities related to wellheads, facilities, substations or power plants.
- Perform loop checks, functional tests, and pre-commissioning/commissioning of field instruments (pressure, flow, level, temperature).
- Calibrate transmitters, switches, valves, positioners, and other control devices using standard test equipment such as HART475, FLUKE754, FLUKE786 and other interfaces.
- Install and terminate instrument cables, junction boxes, and panels as per drawings.
- Assisted in BPCS and SIS interface testing and ensure accurate signal transmission and control.
- Conducted, maintenance and troubleshooting wellhead hydraulic control panel WHCPs, including High-Integrity Pressure Protection System (HIPPS), surface safety valves (SSVs) and subsurface safety valves (SSSVs).
- Conducted on pre-commissioning, commissioning and of powerplants 4.7 MW Rolls-Royce gas engines and Jenbacher 1 MW gas generator.
- Conducted maintenance, testing, and troubleshooting of (VCU) Vessel power water cleaning unit with triplex jet plunger pump 165T-5 (VARCO).

- Performed commissioning, start-up and diagnostics on solar chemical skids injection pumps, injection lines, and associated instrumentation to ensure system integrity and performance on produced wells.
- Conducted commissioning, maintenance, testing, and troubleshooting of E55 solid waste incinerator (Penram corporation).
- Maintained and calibrated instrumentation associated with slickline operations, supporting safe and effective deployment of downhole tools.
- Conducted commissioning, maintenance, testing, and troubleshooting of fire and gas system on production facilities and central facility power house, MCC and GCC stations.
- Managed daily maintenance planning using SAP, ensuring efficient work completion and asset integrity compliance with SOPs, technical manuals, troubleshooting guidance, evacuation procedures, PM checklists, REHAB, NDT schedules, etc.).

## Huawei Investment & Holding company

### Transmission Engineer

📅 01/2013 - 08/2014 📍 Yemen

- Network monitoring and fault troubleshooting
- Installation, commissioning, and testing of Huawei RTN600, 950 & 910
- Conducted site surveys, inspections, and acceptance tests (FAT, SAT)
- Software/hardware upgrades and quality assurance checks

### Key Achievement

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- Reliability Improvement Led team achieving on improvement in equipment reliability
- Quality Control Processes Implemented quality control processes reducing project errors
- Played a key role in major engineering project assessments and readiness.
- Cost Reduction Initiative Reduced maintenance costs by through strategic inventory management.
- Successfully led multiple installation and commissioning projects.
- Effectively managed procurement and supplier evaluations to ensure cost efficiency.

### Education

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- University: Cairo University,  
Bachelor of Engineering  
Major of: Electrical Communications & Electronics Engineering

📅 09/2007–07/2012 📍 Egypt

### Certificate and Training

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- Hazardous atmospheric and Electrical installations by KL Academy 📅 02/2022
- Digital Industrial Siemens- Academy 📅 11/2019 📍 UAE  
SCADA & WINCC Configuration, PLC interaction and automation system maintenance
- Safety Valves Basics, Maintenance and Testing - Ventil Academy 📅 11/2019 📍 UAE
- Transmission Networks Overview and Applications - Huawei Academy 📅 6/2014 📍 Egypt

### Languages

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**Arabic** ●●●●●  
Native

**English** ●●●●  
Fluent

References available upon request