

Resume

< BENHAMMOU Mohamed >

Education	<ul style="list-style-type: none"> ✓ 2014: PHD in Automation ✓ 2011: Magister in Automation ✓ 2007: Engineer of state in Electronic (Option: Industrial Control) ✓ 2002: Bachelor of sciences series
Training	<ul style="list-style-type: none"> ✓ 2009: Instrumentation engineer (ALGERIAN PETROLEUM INSTITUTE- SPA SONATRACH) ✓ 2011: Bently Nevada 3500 operation and maintenance GE Learning Center, Italy. ✓ 2011: Siemens S7 400 operation and maintenance GE Learning Center, Italy. ✓ 2013: Maximo certificate (GMAO) ✓ 2014: Siemens SIMATIC Step 7. ✓ 2015: Siemens Wincc ✓ 2015: Woodwad 505&505E certificate in France, Le HAVRE. Training in Digital Speed Control for Steam Turbine. ✓ 2016: Management of industrial project (CPE SONATRACH) ✓ 2016: Professional certificate, FIRE & GAS SYSTEM (MSA EUROPE) ✓ 2016: YOKOGAWA CENTUM VP Engineering and maintenance Bahreïn ✓ 2016: YOKOGAWA Prosafe-RS Engineering and maintenance Bahreïn ✓ 2017: Process Safety Certificat Hazop (HAZard and OPerability study) ✓ 2021: SIL certificate, Safety Integrity Level ✓ 2022: Operational Management (SONATRACH MANAGEMENT ACADEMY) ✓ 2022: Participate in the EBIC & EFC Turnaround (Shutdown activity) ✓ 2023: Cyber Security OT Awareness
Professional experience	<p><January 2020-till now > Instrumentation & Control Assistant Manager Sorfert</p> <ul style="list-style-type: none"> - Following up all instrument and control activities in the Ammonia train 1&2 and related compressor house & Dessalination unit & Steam turbine driven, supplied by Nuovo Pignone. Managing my team work, 6 persons. Reporting Preparation of maintenance procedures to be implemented in the CMMS. <p>< January 2018- January 2020> Lead Service Engineer at YOKOGAWA Middle East and Africa.</p> <ul style="list-style-type: none"> - Upgrade from Centum VP R4 to Centum VP R6 - Upgrade ProsafeRS R2 to R4 - Configuration Prosafe-RS soft & hard - Configuration Centum VP soft & hard - Configuration of Exaquantum installation and commissioning - Configuration of system backup (Veritas backup exec) - Restore backup in new PC or PC whose all HDDs are replaced. - Verification the Alarm list and Update in the system - Verification the Trip & Interlock system

- Implementation of logic modification as motioned in the MOC
- Implementation of graphic modification as motioned in the MOC
- Make loop check (change the range, unit, tuning parameters...)
- Make function test of the new implemented logic.
- PRM & HIS-TSE Configuration
- Troubleshooting in logic by forcing the input & output module (IOM)
- Trends Configuration
- Reports configuration
- Trends calling function (for those tags who have both minutes and seconds Trends)
- I/O assignment in both cases that channel damage and new requirement
- Controller and I/O card replacement.
- Training CENTUM VP for engineer and operators.

<September 2015-January2018 > Instrumentation Senior Engineer Sonatrach

- Review two years operational spare parts (TYOSP).
 Supervise installation of control Equipment, field instruments, final control elements on site by contractors.
 Following up commissioning and punch listing, and clearance of the punch list items.
 Direct and supervise through Instrument and control Engineers, Supervisors, contractors workforce engaged in Maintenance, installation, modification & other shutdown Activities.
 Continuous Reviews and Improvement of the instrument maintenance strategies, Monitor the performance and maintenance cost for various equipment and provides recommendations to minimize maintenance costs and reduce operational anomalies.
- Provide overall supervision through Instrument and Control Engineers in predictive, preventive, Corrective, modification and major Shutdown maintenance programs.

< 2014- September 2015 > Instrumentation Engineer ThyssenKrupp Uhde

- Responsible of field instrumentation, DCS system troubleshooting and maintenance in both field and control room (Compressor and Ammonia plant) with extensive experience in plant operation of UHDE design using P&I diagrams, deep experience in DCS, and PLC Installation, Programming, and Maintenance (YOKOGAWA DCS, SIEMENS S7, ESD ProSafe-RS, Woodwad 505&CPC I), Vibration measurements (Bently Nevada 3500), and Boiler control. Responsibility for planning for the annual shut downs, organizing teams and technical follow up, managing for spare parts, and analyzing fault causes and preventive maintenance duties.
 Instrumentation and Control Maintenance (Plant in Operation):
 - Implement HSE Program as per Company & department objectives/targets.
 - Reporting to Instrumentation Manager on a daily base for work assignments, information exchanges.
 - Attend meetings (daily plants meeting, weekly planning meeting, department meetings, and critical and major activities meetings) with other parties.

	<ul style="list-style-type: none"> • Regular contacts with Planning, operation, Safety ,QC, Procurements and other Sections to review, discuss, plan and coordinates work, purchase orders .materials and resolve problems and follow up. • Periodic contact with contractors and vendors to advise on work requirements and monitor their work. • Responsible for the coordination of all instrument maintenance activities starting from receiving the work orders then check ,schedule ,setting priorities ,assignment of labors, reviewing (issuing) required spare parts vouchers, following up the maintenance activities providing technical support, advice as required and finally reporting and complete the work orders. • DCS System Yokogawa CENTUM VP; PLC Siemens S7 400/300; PLC Controller ; GE Bently Nevada 3500 <p>< 2009-2014 > Quality control engineer orascom construction industries</p> <ul style="list-style-type: none"> - Following up all instrument and control activities in the Ammonia train and related compressor house & N2 generation unit & Instrument air compressor package and two power generators, steam turbine driven, supplied by NP. Managing my team work. Reporting Preparation of maintenance procedures to be implemented in the CMMS. Construction, pre-commissioning and commissioning: <ul style="list-style-type: none"> • Implemented HSE Program as per Company & department objectives/targets. • Participated in daily commissioning pre-commissioning meeting with all EPC Parties. • Followed up,inspection and signing of ICAPS sheets for ammonia plant Power Generation Unit Instrumentation construction Equipment • Reviewed and Followed up Weekly Schedule of Activities with the contractor and the subcontractor. <p>Prepared monthly progress report to the instrumentation manager and Maintenance director Inspected of the Instruments and Control system prior to the erection on site. Followed up preservation activities of control valves and field instruments. Arranged with contractor and subcontractor for Elimination of punch list items. Approved Loop Checks for instruments. Approved Function Test for rotating machinery and other Units. Reviewed over speed Test for all rotating machinery</p>
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