

# CURRICULUM VITAE

<b>NAME</b>	<b>Belilita Bensalem</b>
<b>POSITION</b>	Asset Integrity Engineer & Plant Inspector
<b>NATIONALITY</b>	Algerian
<b>DATE OF BIRTH</b>	06/03/1979
<b>CONTACT DETAILS:</b>	<b>Cité LPP 872 Logements (Domaine Bendada), Bâtiment 19, Appartement 23, Route Nationale 5, Staoueli, Alger, (Algeria)</b>
<b>E-Mail ID</b>	<a href="mailto:salimbeli@yahoo.fr">salimbeli@yahoo.fr</a>
<b>Mobile Number</b>	<b>+213 (0) 666730042 or +213 (0) 661663218</b>
<b>WORK EXPERIENCE</b>	<b>Total Experience:</b> More than 16 Years
	<b>Experience in Oil &amp; Gas Industry:</b> More than 15 Years
<b>LANGUAGES KNOWN</b> <b>ENGLISH LANGUAGE PROFICIENCY</b>	English, French, Arabic, <b>Oral/ Written:</b> Proficiency,

## CAREER PROFILE

- Perfectly familiar with the following standards, certification can be obtained within month:
  - API 510,
  - API 570,
  - API-653,
  - API 580,
  - API 579,
  - ASME PCC2,
- Ensure ongoing integrity and reliability of fixed assets throughout the plant.
- Act as primary liaison to corporate Asset Integrity & Reliability experts.
- Perform inspections and provide leadership to the inspection and testing personnel to maintain pressure vessels, storage tanks, and other process equipment, piping, hoses and relief valves.
- Provide Technical knowledge of API and ASME code requirements.
- Verify and maintain written policies and procedures for all mechanical integrity programs to ensure compliance with Standards and Algerian State regulations, including management of change programs.
- Provide mechanical knowledge to support maintenance efforts, which ensure equipment reliability, reduced maintenance costs, and reduce unplanned downtime.

- Monitor PM programs, develop new PMs, ensure compliance
- Provide training and guidance to site maintenance personnel and inspectors in some integrity disciplines.
- Provide scope, project management, and leadership to upgrade projects such as equipment replacement, coatings programs as needed to ensure equipment availability.
- Provide an effective partnering communication link between maintenance, production, site leadership, and corporate engineering on all programs.
- I have sufficient experience in various NDT technical disciplines fields as: Visual NDT (VT), Ultrasonic NDT (UT), Radiography NDT (RT), Eddy Current testing NDT (ET), Internal rotary inspection system (IRIS) ultrasonic for tubes (IRIS), Magnetic Particle inspection NDT (MT or MPI), Dye penetrant inspection or liquid penetrant testing (PT or LPI), Metallographic replicas, Magnetic flux leakage testing (MFL) for pipelines, tank floors, and wire rope, Remote field testing (RFT), Hardness testing, Positive Material Identification (PMI), Thermographic inspection, Leak testing (LT) or Leak detection, Hydrostatic test,

## QUALIFICATIONS & CERTIFICATIONS

### ASSET INTEGRITY ENGINEER

**Diploma: Bachelor Degree in Mechanical Engineering**

#### TRAINING PROGRAMMES ATTENDED

- Undergone in Plant Training at BP.
- Training of 'Suivi des contrats' by Learning Tree International.
- Root cause analysis training RCA,
- Synergy System Training (Advanced user)
- Cathodic protection training by Institut Algérien du pétrole (Algerian institute of petroleum)
- HITRA (**Hazard Identification Task Risk Assessment**) Training at BP/Statoil,
- Hazard Awareness Training at BP/Statoil,
- Risk Based Inspection RBI Training at BP/Statoil,
- Risk Based Inspection RBI Training with AIE (Asset Integrity Engineering)
- Risk Based Inspection RBI Training with Velosi Asset Integrity, HSE and Engineering Consultancy Services LLC,
- API 579, API 580 & API 581 Trainings with Velosi Asset Integrity, HSE and Engineering Consultancy Services LLC,
- API 579, API 580 & API 581 Trainings with Velosi Asset Integrity, HSE and Engineering Consultancy Services LLC,
- API 510 Trainings with Velosi Asset Integrity, HSE and Engineering Consultancy Services LLC,
- Fundamentals of Pressure Vessel Design in Accordance with ASME Section VIII, Div.1,
- API 510 and API 570 Training Piping and Static Equipment Inspection Methods (Algerian institute of petroleum),
- Gulden rules HSE training with BP,
- Coaching and Development of Potential Training (Algerian institute of petroleum).

#### Certificates:

- **BP/ SH/ Equinor**
- **ENACT Certificate**
- **Training certificates & participations**

## EMPLOYMENT EXPERIENCE

September 2011 to Date	Joint Venture British Petroleum/ Sonatrach/ Statoil Gas production In-Amenas South Algeria
Client	BP/ SH/ Statoil
Designation	Asset Integrity Engineer and Plant Inspector
Project/ Location	Gas Production/ In-Amenas South Algeria

### **Responsibilities:**

- Supervision and preparation of hydrostatic test procedure & Method statement and the work pack of Oil & Gas Static pressure equipment.
- Verifies that the safety critical equipment and activities are identified and risk assessments are effectively performed (with Oceaneering & AIE)
- Ensures that the asset register for fixed equipment is maintained and communicates threats to operation,
- Participate in incident investigation of piping & pressures vessels failures,
- Assuring Plant Lifecycle integrity by conducting and being involved in Reviews and plant assessment such as HAZOP, Task Risk Assessment (TRA), Operational Risk Assessment (ORA).
- Participating investigation of incidents by adopting a Root Cause Analysis (RCA) approach.
- Works in line with HSE policy and ensure compliance with HSE lifesaving rules.
- Ensures compliance with company's standard specifications & Algerian Regulatory
- Review and evaluates inspection reports.
- Ensure systematic and consistent implementation of work methods and procedures used in Maintenance and Inspection and recommend improvements.
- Create notification, create and close work order as well as create service entry with MAXIMO,
- Carryout flowline & trunkline, integrity management assessment.
- Patrolling periodic inspection of Flowline, Trunk line and Pipeline,
- Supervises Anti-corrosion maintenance painting of pressures vessels,
- Carry out supervision of facility equipment preservation.
- Prepare Inspection Close out reports on in plot piping & pressure vessels Inspections, reviews results, do remaining life analysis and provide recommendations (with Oceaneering & AIE and Vincotte Company, Velosi Asset Integrity, HSE and Engineering Consultancy Services LLC).
- Carry out gantry visual inspection (Static equipment inspection)
- Ensures that completed work and services finished by the contractor are in compliance with the contract document & technical dossiers and standard construction specification
- Very good knowledge of industrial design and the isometrics.
- Attend several shut down as inspection coordinator.
- Completion in several inspection contracts,
- Participation in several chemical products contracts to ensure integrity of oil & gas installations,
- Participation in criticality assessment workshops to formalize project inspection level lists,
- Provide the input inspection estimates,

- Assist with evaluation of materials suppliers, manufacturers, to establish appropriate call off arrangements with 3rd party inspection agencies,
- Manage and raise inspection requests,
- Perform site inspection activities as per inspection plans to ensure integrity of static equipment in service and in shutdown.
- Develop and maintain inspection reports in inspection data management system to ensure presence of information necessary and the operation and inspection historic.
- Following day to day operation requirements related to static equipment inspection and/or repairs.
- Coordinates and supervises contractor resources team (ENACT Algeria Company, AIE, Velosi Asset Integrity, HSE and Engineering Consultancy Services LLC, Oceaneering International Enterprise, Vinçotte International Company, Weldtest inspection Company,...etc) when required to ensure service compliance with company requirements as well as quality of service provided.
- Preparation of inspection assignments registers and prepare inspection packages for inspectors (Method statement, Work pack WP...etc.),
- Preparation of Hydrostatic test assignments registers and prepare hydrostatic test packages for Engineer (Method statement, Work pack...etc.),
- Preparation of the necessary supplier documents before the inspection visits,
- Coordinator of inspection activities,
- Coordination of the repair & fabrication activities,
- Review of inspection outputs and highlight areas of concern,
- Report of the improper identified inspection by inspectors,
- Coordination with Discipline Engineers with regard to inspection queries, deficiencies & punch list items,
- Facilitate the recall, quarantine and replacement of defective products/materials,
- Follow & check of the preliminary & final technical dossiers with manufacturer,
- Guarantee the upload of inspection reports and releases to document management system,
- Review and approve 3rd party inspection invoices (with concerned authorities & audits),
- Liaise with the Client Quality Representative as appropriate,
- Planning, Execution & Supervision of different shutdown in oil Industry plants,
- Supervise several contractor companies as (**Baker Hughes, VELOSI, WILDA Company, SARPI, GTP**) for periodic static equipment Inspection & Hydrostatic test,
- Control & supervision of valves calibration (PSV) and establishment of PV control.
- Preparation of technical records of Oil & Gas equipment and lifting equipment & accessories,
- Prepare the work pack for the major periodic inspection and shutdown,
- Managing and controlling user level access and security for all database.
- Wide knowledge in HSE (Golden rules, TRA, Operations Risk Assessment, work permits...etc).

<b>January 2010 to Sept 2011</b>	Company Total/ Repsol / SH (with ENACT Algeria)
<b>Designation</b>	Asset Integrity Engineer
<b>Project / Location</b>	Gas Production / Tin Fouye Tabankourt (Illizi) Gas field Algeria
<b>Client</b>	Total/ Repsol / SH

- Supervision and preparation of hydrostatic test procedure & Method statement and the work pack of Oil & Gas Static pressure equipment.
- Verifies that the safety critical equipment and activities are identified and risk assessments are effectively performed (with third party)
- Ensures that the asset register for fixed equipment is maintained and communicates threats to operation,
- Participate in incident investigation of piping & pressures vessels failures,
- Assuring Plant Lifecycle integrity by conducting and being involved in Reviews and plant assessment such as HAZOP, Task Risk Assessment (TRA), Operational Risk Assessment (ORA) and Environmental Risk Assessment (ERA).
- Participation in several workshop for do the RBI of oil and gas static equipment,
- Participating investigation of incidents by adopting a Root Cause Analysis (RCA) approach.
- Works in line with HSE policy and ensure compliance with HSE lifesaving rules.
- Ensures compliance with company's standard specifications & Algerian Regulatory
- Review and evaluates inspection reports.
- Ensure systematic and consistent implementation of work methods and procedures used in Maintenance and Inspection and recommend improvements.
- Create notification, create and close work order as well as create service entry with MAXIMO,
- Carry out flowline & trunkline, integrity management assessment.
- Patrolling periodic inspection of Flowline, Trunk line and Pipeline,
- Supervises Anti-corrosion maintenance painting of pressures vessels,
- Carry out supervision of facility equipment preservation.
- Prepare Inspection Close out reports on in plot piping & pressure vessels Inspections, reviews results, do remaining life analysis and provide.
- Carry out gantry visual inspection (Static equipment inspection)
- Ensures that completed work and services finished by the contractor are in compliance with the contract document & technical dossiers and standard construction specification
- Very good knowledge of industrial design and the isometrics.
- Attend several shutdowns as inspection supervisor and coordinator.
- Completion of several inspection contracts,
- Participation in criticality assessment workshops to formalize project inspection level lists,
- Provide the input inspection estimates,
- Assist with evaluation of materials suppliers, manufacturers, to establish appropriate call off arrangements with 3rd party inspection agencies,
- Manage and raise inspection requests,
- Preparation of inspection assignments registers and prepare inspection packages for inspectors (Method statement, Work pack WP...etc.),
- Preparation of Hydrostatic test assignments registers and prepare hydrostatic test packages for Engineer (Method statement, Work pack..., etc.),
- Preparation of the necessary supplier documents before the inspection visits,
- Coordinator of inspection activities,
- Coordination of the repair & fabrication activities,
- Review of inspection outputs and highlight areas of concern,
- Coordination with Discipline Engineers with regard to inspection queries, deficiencies & punch list items,
- Facilitate the recall, quarantine and replacement of defective products/materials,
- Follow & check of the preliminary & final technical dossiers with manufacturer,
- Guarantee the upload of inspection reports and releases to document management system,
- Review and approve 3rd party inspection invoices (with concerned authorities & audits),
- Liaise with the Client Quality Representative as appropriate,

- Planning, Execution & Supervision of different shutdown in oil Industry plants,
- Supervise several contractor companies as (**Baker Hughes, SARPI, GTP**) for periodic static equipment Inspection & Hydrostatic test,
- Control & supervision of valves calibration (PSV) and establishment of PV control.
- Preparation of technical records of Oil & Gas equipment and lifting equipment & accessories,

**From September 2005 to September 2011**

ENACT Company: National Company of technical control

Designation

Inspection, Certification and Verification Engineer

Project / Location

Inspection of all petroleum and gas sites exist in Algeria

Client

In different location of Algeria specially SH Fields, ENI, Anadarko, Total/ Repsol, CEPESA, Ourhoud, BP Rhourde El-Baguel,...etc)

### **Responsibilities:**

Major inspection (External, Internal Visual Inspection and NDT) of Pressure Vessels, UT Measurement, Witness & supervise Hydrostatics Tests Pressure in different location of Algeria specially SH Fields, ENI, Anadarko, Total/ Repsol, CEPESA, Ourhoud, BP Rhoud El Baguel, Groupment Reggane Nord GRN...etc.

Oil and Gas Pressure Vessels Inspection and Certification for Quality & Safety Assurance at third party (ENACT Company: National Company of technical control,

- Oil & Gas installations inspection & repair proposal if necessary in different oil & gas industry plants (periodic inspection).
- Carry out a visual inspection (Static equipment inspection) as approved inspection plan,
- Carry out an UT thickness measurement (Static equipment inspection) as inspection plan,
- Internal and external inspection of all kind of static equipment (columns, storage tanks, fixed equipment and mobile, exchangers, Fin Fan, filters equipment, mobile bottles, spheres, LPG storage, pipelines, fire extinguishers etc)
- Dimensional control (caliper, depth ...)
- Participate with technician to records of output parameters of the counters of the cathodic protection.
- Participate with technician to assess the corrosion rate by the electrical resistance probes and probes (ER and LPR).
- Measurement of thickness external and internal for sheet-metal equipment and pipelines.
- Determine the corrosion rate and remaining life of pressure equipment in service.
- Control & supervision of valves calibration (PSV) and establishment of PV control.
- Raised of inspection & monitoring reports.
- Perform site inspection activities as per inspection plans to ensure integrity of static equipment in service and in shutdown.
- Develop and maintain inspection reports in inspection data management system to ensure presence of information necessary and the operation and inspection historic.
- Following day to day operation requirements related to static equipment inspection and/or repairs.
- Inspection of Oil & Gas lifting equipment & accessories.