

Curriculum vitae

RAMZI BEN BELGACEM
INSPECTION ENGINEER



Date Of Birth: November 13th, 1979- Lyon- France

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SUMMARY

- **OCGTI & DRILLING EQUIP. INSPECTION SUPERVISOR & LIFTING GEAR EXAMINER**
with 16 years of total experience in oil field service (Work Shop, Machine Shop & Field)
in the African areas (Libya & Tunisia & Algeria).

EDUCATION/DEGREES

- **June 2003:** Academic Qualifications.
Mechanical engineering, energy option/ higher institute of technological of Sfax (DUT DIPLOMA)
- **June 2000:** Tunisian baccalaureate, Branch scientific.

ADDITIONAL TRAININGS

- **May 2007: TALON NDT LIMITED Training.**
A.S.N.T (American Society for NDT) Company Qualification Level I, II in following Non Destructive
Examinations techniques: Magnetic particle testing (MT)
Dye penetrant Testing (PT)
Score: 96 %
Certificate from **ABERDEEN UK.**
- **April 2006: Cargo Carring Units Training certificate:** current legislation, risk assessment, method steatment, lifting plan.....
- **April 2007: LIFTING GEAR EXAMINER.** Lifting equipments examination has been made in accordance with SNT-TC-1A, the procedures QC 101/103 part 1, 2.as well as LOLER training. Rig hoisting equipment, lifting fitting, load test and inspection performed LEMS (lifting equipment management system) load testing and recertification in accordance with BS-LOLER-LEEA-API-ISO STANDARD AND REQUIREMENT.
Certificate from **BRIDON UK and internal certification.**
- **February 2009:** Company training + pipe mill Surveyor Company certificate (OCTG specialty).
- **September 2009:** Bloom & Voss handling & hoisting equipments inspection Course.

PROFESSIONAL EXPERIENCE

- **Since February 2007: Inspection level II.**

Familiar with various fields involving the practice and the use of various inspection methods of Non-Destructive Testing and the applicable standards and specifications:

- Examination and Testing of Lifting Equipment / Safe use and re-certification of various types of lifting gear and equipment according to the related standards, specifications and regulations (Various Specs. British Standards, LOLER Lifting Operations and Lifting Equipment Regulations, and DNV Det Norske VERITAS Classification).
 - Field Inspection of various used/ new drilling equipment and tools (Visual, Dimensional and Non-Destructive Examinations/ Drill Pipes, Drill Collars, BHA (Bottom hole Assembly) Stabilizers, Drilling Tools, Fishing Tools, Specialty Tools, X-Over & Sub, ...), wall thickness measurement and electro-magnetic inspection on pipe body, in accordance with the applicable inspection standards and specifications (API, NS2, ISO, DS1...)
 - Internal coating and body inspection with visio-scope.
 - Witnessed and supervised destructive and non destructive tests including:
Mechanical tests, hydrostatic tests, hardness tests, automatic and manual Emi.
Performed and supervised various inspection techniques on structures, tubing, casing and drilling tools.
 - Machine Shop Thread gauging of Rotary Shouldered Connections (Various types of drilling string API connections- API SPEC 7-).
 - Inspection and Examination of Hoisting & handling tools.
 - Familiar with different Premium Thread Connections used on Casing and Tubing Products (VAM Series, TENARIS, EUE, BOTROS).
 - NDT techniques used:
 - ✓ Visual Inspection.
 - ✓ Ultrasonic Thickness measurements (UT).
 - ✓ Magnetic Particles Test (PT).
 - ✓ Penetrant Test (PT).
 - ✓ Hydrostatic Pressure Test (Witnessing P.T)
- **Since June 2008:** Inspection according to API 4G CAT III derrick and mast
- **Since November 2008:** Specialized in NDT and Dimensional inspection on BAKER HUGHES INTEQ tools (Navidrig, MWD, down-hole tools, Core Barrel, T2 Connection...)
- **Since February 2010:** Specialized in NDT, Dimensional inspection and witnessing pressure test and visio scope on manifolds, coflexip, hoses gate and ball valves, special tools.... on SCHLUMBERGER SERVICES (Testing, Wire line, Dowell) tools, lifting gear appliance...)
- **Since May 2017:** Inspection according to API 4G CAT IV on RIGS

SKILLS

SENIOR QA/QC NDT INSPECTOR L II & LIFTING GEAR EXAMINER, the examination has been made in accordance with SNT-TC-1A, the procedures QC101/103 and LEEA part 1&2. The test method is MPI, DYE PEN, USWT, EMI, LEEA & EDDY-CURRENT.

General application industrial: Application of UV+ day light magnetic particle/Welds/forgings/castings/ Machined objects OCTG range: MPI-EMI Unit (scope) drill stem assembly/threads/ rotary equipment/ handling and hoisting equipments Piping, thread gauging in acc. With ISO 10402 API Spec7 /Rp7G/8 A-B-C /DS1/NS2 with international engineering standards.

EMPLOYMENT HISTORY

- **August 2006: NISER International Algeria branch**

OCTG/Drilling equipments inspection supervisor:

Driving and supervising an OCTG Team providing tubular inspection services that cover drill pipe, casing, BHA, tubular handling equipment amongst others. OCTG and thread inspections are performed amongst others to: API RP7G, API spec. 7, API 5CT, API RP 5A5, and TH Hill DS-1 Third Edition Jan 2004 Vol3 Cat 3-5. LEMS (lifting equipment management system) load testing and recertification in accordance with BS-LOLER-LEEA-API-ISO STANDARD AND REQUIREMENT. Inspection according to API 4G CAT III derrick and mast and Inspection according to API 4G CAT IV on RIGS (for **NABORS Drilling, KCA Deutag, ENTP, ENAFOR, Weatherford, SINOPEC, SAKSON, ADES...**)

- **Lifting equipment examiner:**

- Load testing of cargo equipment
- Loose lifting gear inspection
- Wire rope inspection
- Periodic Lifting equipment inspection (offshore/Onshore)
- Heavy Lift and Witnessing
- Lifting equipment management services
- B3 Tunisia agreement for lifting equipment, cranes, forklifts, cherry pickers.... inspections

- **Inspection Team Leader:**

- Plan and carry out inspection programs.
- Evaluation and Interpretation of Inspection findings and compiling inspection reports.
- Cooperation in implementing solutions to help client succeed.
- Corporate with TH HILL company to carry inspections on all Weatherford, KCA Deutag onshore drilling contractor equipments ALTEA energy (January 2015 to March 2020).

- Inspection as per API 6A, 16AR.

- MPI, Dye penetrant, ultra sonic, hardness test, Visual, video boroscope and witnessing pressure test on BOP, Manifolds, rams, well control different component, Control line unit ...

- **From February 2009: NISER International Tunisia /ISO 9001 certified**

(Web site: www.niser-inspection.com)

Senior NDT inspector L II

- Inspection services according to API Specification STD 5B, Drill Stem Inspection DS-1 and NS-2 for the following equipments and tools: Tubing, Casing, BHA equipments, Down-hole tools, Hoisting & handling tools, Fishing tools
- Performing and monitoring Drill Pipe Inspection in accordance to API Specs, DS1, NS2 or client standard:
- Ultrasonic Inspection system for Drill pipe Upset Areas and friction welds
- Mobile Computerized "SONOSCOPE" Inspection Unit (EMI for pipe body)
- Internal MPI on Upset Areas (with Video Monitoring)
- Flux Inspection (Wet fluorescent Blacklight)
- Magnetic Particle Inspection Full body
- AC Yoke Inspection (MPI)

- Ultrasonic Inspection (UT)
- Dye Penetrant Inspection
- API & Special Drifting
- Mechanical Optical Inspection
- Thread Inspection (visually & with profile gauge)
- Gauging and Dimensional Inspection on Hydrill- HSC - Vam & All other API & Premium threads
- Straightening
- Demagnetizing
- Shoulder Refacing

Providing additional services linked to the inspection:

- Completion RIH or POH supervision
- Ultrasonic
- Internal and External coating inspection with viso-scope
- Pipe production supervision in the miles

Providing additional services (based on the scope of inspection services)

- Examination, Assist for the Re-certification of lifting gear & appliances
- Load testing of lifting gear & appliances
- Standard tests witnessing.

COMPUTER KNOWLEDGE

- **Software: mechanical:** AutoCAD, Solid works, Topsolid,

LANGUAGES

- **English** Fluent.
- **French** Mother Language.
- **Arabic** Fluent.

INTERESTES AND OTHERS

- Reading and sports

Holding a valid (B) driver's International license.

WORLDWIDE CUSTOMERS' REFERENCES

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|------------------------------------|---|
| - Repsol Algeria and Libya | - Smith international Tunisia and Libya |
| - Sonatrack Algeria | - ANADARKO Algeria and Tunisia |
| - KCA Deutag Algeria and Libya | - Wintershall Libya |
| - SAKSON GROUP Algeria | - Ensign energy services Libya |
| - ENTP Algeria and Libya | - ILI Corporation Libya |
| - ENAFOR Algeria | - Corpro Algeria and Libya |
| - SINOPEC Algeria | - Bg-group Tunisia and Libya |
| - Schlumberger Algeria and Tunisia | - NSC Algeria, Tunisia and Libya |
| - Baker Algeria Libya and Tunisia | - Parker Drilling Libya |
| - CTF Tunisia | - ENI Tunisia |
| - SYGMA ENERGY Tunisia | - Global group Tunisia |
| - BP Algeria | - Abid Group Tunisia |
| - Weatherford Algeria and Libya | - SOCOMININ Tunisia |
| - ADES Algeria | - OMV Tunisia |
| - NABORS Drilling Algeria | - ISAREN Tunisia |
| | - SHELL Libya |
| | - OURHOUD ALGERIA |
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