

**CHETTAH HAMZA**

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**Nationality:** Algerian

**Date and Birth Place :** 11/ 06 /1984 in Bou'Saada City 28001, Province Of M'sila - ALGERIA

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**Cv Request Professional Interview for a Post :** **Laboratory Technician ( Gas & Oil )**



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**– Diplomas & Qualifications:**

- June 2004, **Chemistry Baccalaureate Specialty.**
- June 2008, **The Diploma Of The Applied Universities Studies.**
- Course (Specialist), **Industrial Chemistry, Option Analysis.**
- I Graduated from **Industrial Chemistry Section**, University Of Mohamed Boudiaf, located in Province of M'sila - Algeria.
- I Hold a Full **Driving license** (B) Level, and my **Military Service** is accomplished.

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**– Professional Experiences:**

1 ) – From January 2017 To June 2018 : **Senior Laboratory Technician** at Samsung Engineering Company for Commissioning and Operations at Timimoun Field Developing Project ( TFD ) for Onshore Gas-Oil Separation Plant this Project is located in the South-Western Part Of Algeria with this is daily Technical responsibilities and Operations :

- Performed laboratory instrument calibration as needed per schedule and updated in records.
- Analyzed difference GAS samples accordance with API, ASTM Standard methods with GC Chromatography Shimadzu Model equipment 2014.
- Analyzed gas samples from Dehydration unit and Fuel Gas for Composition GC Shimadzu Model 2014 with LabSolutions Software.
- Mercury analyzer ( NIC WA-5F Model ) for Measurement the Concentration of the Hg in the Gas Export Sample .
- Total Sulfur Analyzer ( TS-7000 Model ) for measuring the total sulfur Concentration in the Gas Export Sample .
- Portable Flue Gas Analyzer ( Testo 350 model ) for professional flue gas analysis and measures .
- Daily measuring Concentration for Amine Samples from Decarbonation Unit (rich & lean) with Titrator equipment ( Metrohm MODEL ) .
- Moisture Content by Dew Point meter (Mobil equipments) for the water and Hydrocarbon ( HC ) Analyzing .
- Analysis of the Dissolved Oxygen, Ph meter, Conductivity, Cl, F, CN, Iron Kit...and many others apparatus and analysis .
- Follow and Measurement Per demand from the Process team Requests the Viscosity and the Density of Condensate, GTG Fluids.
- With the Karl Fischer titration equipment Analyzed Chemistry TEG samples from Gas dehydration unit ( rich & lean ) .
- Measurement the Oil Content in the water with “ Oil in Water Analyzer ” ( HORIBA ) with Extraction Solvent Horiba S-316 .
- Flash Point, and measure “TSS” in the difference sample points just like the aerations “A.B.C.D and PWT ( Inlet & Outlet ) .
- Biochemical Oxygen Demon (BOD5 = 5 days) for analyzing as indication of the degree of organic pollution of water.
- Spectrophotometer for COD for indicative measure of the amount of oxygen that can be consumed by reactions in a measured solution.
- Measure Foaming for Amine sample with registration the total volume ( Vt ) after 5 minutes and the Break-Down time during “ 30 seconds “ .
- Abbreviation for basic sediment and water ( BS&W ) for measuring a liquid samples of the production stream .
- MINIVAP VPXPERT ( RVP ) equipment for determination of the Vapor Pressure of low-viscous liquids in the Gas Plant such Condensate .
- Measurement per demand from Process Team The Density & Viscosity for few a references fluids from Gas-Oil Separation Plant .
- Sampling, control, calculation and reporting of results to the Laboratory Supervisor & Senior Process Engineer .
- Complies with all HS&E, Quality, and IT standards and policies and participates in HS&E and Quality initiatives and programs.

2 ) – From March 2011 To July 2016 : **Laboratory Technician** at Environmental Solutions For Petroleum Services, located in Hassi-Messaoud, Province of Ouargla, ALGERIA, and this is my daily Technical responsibilities and Operations :

- Analysis of drilling fluids (Mud), and other products and services and responsible for the providing of laboratory testing and results.
- Responsible for the storing of chemicals in the lab, also including the maintenance of the records and discharge of expired chemicals.
- Work independently in the laboratory at times, although mainly under general supervision and work within a team to complete projects
- Understanding of drilling oilfield well servicing and a good climbing ladders/stairs and Standing/walking on uneven surfaces.

- Measure with ( Retort-Kit) testing equipment for calculations percents based on the volume of whole mud in the retort cup the measured volumes (ml) of oil and water are converted into volume Therefore to calculate the percentage of (%OOC) .
- Follow measure and density of the mud properties in different conditions of temperature during the drilling phases.
- Write detailed Technical Service Reports of test findings and submits these reports to the Laboratory Supervisor.
- Request the necessary spare parts and immediate check on the requested tools and spare parts upon arrival.
- Operating Centrifuges and dryers for solids removal and barite recovery systems and maintain mud weight
- Ensure the subordinates' alignment with the HSE policies and procedures and filling up the daily HSE stop cards.
- Analysis of drilling fluids (Mud), and other products and services and mixing and testing of fluids and generate laboratory data
- Assist in recommendations and solutions to the drilling fluids operations and Assist in contact, information and co-ordination with the rig supervisor with All of work from other rigs laboratories analysis results.

3 ) – From September 2009 to February 2011 : **Laboratory Technician** at Secondary School Of Naserddin-Dini in Bou'Saada City, ALGERIA and this is my daily Technical responsibilities and Operations :

- Exercise good classroom management with the use of fair and consistent standards and appropriate sanctions to the students.
- Encourage students to ask questions and to express their difficulties.
- Provide reports on student progress and maintain open communication with ensuring that these reports are accurate and constructive.
- Taking care of laboratory equipment and apparatus and carrying out and arranging for maintenance and repair of resources.
- Constructing and modifying apparatus and stock taking and organizing the storing of chemicals and equipment.
- Provide a safe learning environment in which students can take intellectual risks.
- Encourage students to participate in the co-curricular life of the school.

4 ) – From July 2008 To August 2009 : **Laboratory Technician** at Private Industrial Enterprise located in Province Of M'sila, ALGERIA , and this is my daily Technical responsibilities and Operations :

- Conduct various specific test procedures to gather data for evaluation purposes.
- Gather structure-to-soil potential data, soil measurements and rectifier data.
- Assist senior technician in the preparation of survey reports and final job report.
- Sketch physical features of installation site for subsequent detail and organize and reduce data gathered, prepare charts and tables.
- Assemble data for preparation of final client report including service recommendations.
- Diagnose and recommend remedies for system difficulties observed during resurvey operations and modifications as needed.
- Apply basic skills learned as Corrosion Tech I with increasing independence.
- Provide maintenance of gas field test equipment, ensure good operating condition and render minor repairs.

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– **Competencies:**

- I can working with a rotating 12-hour shift schedule with required overtime
- I able to climb ladders/stairs to a height of 50 feet and to lift at least 40 pounds.
- I work safely and follow prescribed Procedures.
- I have the ability to work alone without supervision during the shift.
- I move through the laboratory technician progression within the targeted Timeframe .
- I have strong analytical Chemistry skills & a Good written and oral Communication skills.
- I have ability to write procedures (standard work instructions) and train Others .
- I have proficiency in Microsoft Office applications with intermediate computer skills.
- I have knowledge on the use of a Laboratory Information Management System (LIMS).
- I have knowledge for enough on the use of SQC methods.

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– **Languages:**

- Arabic : Fluent (Writing, Listening and Speaking).
- English : Professional Working Proficiency (Writing, Listening and Speaking)
- French : Full Professional Proficiency (Writing, Listening and Speaking) .
- German : beginner level (Writing, Listening and Speaking) .