

Curriculum vitae

KAMEL Lamri
Address: Zitouna, Skikda, Algérie.
Phone: +213671051659
Email: kamellamri.sh@gmail.com

Profile:

Holder of a State Engineer degree in Chemistry with a specialization in Analytical Chemistry (Engineer's degree from the University of Skikda, Algeria), I have seven years of experience as an analytical engineer at Sonatrach, Production Division, Hassi-R'mel, Laghouat, Algeria, where I have been working since March 2016 to the present.

I am a highly dynamic and organized individual with a strong team spirit.

Professional Experience:

Since 03/2016: Chemist Engineer at Sonatrach, Production Division, Hassi R'mel, Laghouat, Algeria.

Internship Final Project:

Title: Synthesis on the Evolution of Hydrocarbon Dew Point (ASTM D1142) of Gas Produced at MPP IV

Responsibilities:

- Conduct qualitative and quantitative chemical analyses on substance samples.
- Document analysis data and interpret results.
- Utilize and maintain scientific laboratory instruments such as chromatographs, DR9000 spectrophotometer, pH meter, conductivity meter, and laboratory glassware.
- Study scientific publications in the field.
- Proficient in computer software, including daily analysis management software and weekly and monthly company balance software, as well as GC Technologies 7890A management software (ChemStation).
- Organize work and troubleshoot issues during production.
- Maintain continuous updating and improvement.

- Perform chromatographic analysis of natural gas and its derivatives (LPG) using the GC Agilent Technologies 7890A method, and condensate using ASTM D1945 method.
- Perform physico-chemical analysis of natural gas (e.g., hydrocarbon dew point by ASTM D1142, gas humidity by ASTM D1744).
- Conduct physico-chemical analyses of reservoir water and treated water at the purification station, including pH (ASTM D1293), iron (ASTM D1068), chloride (ASTM D512), TSS, and TOG.
- Monitor corrosion inhibitor injection tests at the company's gas installation.
- Sample natural gas and its hydrocarbon derivatives such as LPG and condensate, as well as all water samples.
- Take full responsibility for the laboratory after acquiring necessary skills; manage personnel and laboratory operations for each engineer designated as the laboratory head.
- Analyze sampling and analysis problems and provide appropriate solutions.
- Update international standards and make necessary changes to laboratory methods and protocols.
- Maintain a research-oriented mindset to improve analysis methods as needed.
- Commission new laboratory equipment and provide practical training to staff after receiving adequate training in the matter.
- Implement the equipment monitoring and measurement mastery procedure, including equipment inventory, determination of verification and calibration frequency according to standard FDX 07-014, establishment of the verification record, and verification scheduling while maintaining traceability.
- Provide technical assistance to all operational personnel and supervise university interns.
- Assist and collaborate with the control department head in carrying out specific tasks (budget and workforce forecasting, specifications, personnel evaluation, chemical and consumable procurement).
- Assume service interim responsibilities.
- Collaborate with shift operation managers in diagnosing certain technical problems related to product quality.
- Adhere to corrosion committee regulations as a committee member.
- Attend and participate in organized workshops, seminars, and contribute.
- Engage in research projects, provide aid and technical assistance as feasible.

Education:

- **09/2004 to 06/2010:** Obtained a bachelor's degree in Chemistry with a specialization in Analytical Chemistry from the University of Skikda, Algeria.
- **06/2004:** Obtained a Baccalaureate in Natural Sciences and Life from Makhbouche Said Zitouna High School, Skikda, Algeria.

Additional Training:

- **Health, Safety, and Environment (HSE) Passport Training Institution:** [Training Center SH], Hassi R'mel Duration: 20/04/2015 to 24/04/2015.
- **The new chromatograph HP7890A Training Institution:** [Training Center SH], Hassi R'mel Duration: from April 10, 2016 to April 15, 2016.
- **Desalting of the condensate and procurement procedures Training Institution:** [Training Center SH], Hassi R'mel Duration: from May 16, 2016, to May 21, 2016.
- **Excel Advanced Training Training Institution:** [Training Center SH], Hassi R'mel Duration: from November 20, 2017, to November 24, 2017
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- **Work Permit Systems Training Institution:** [Training Center SH], Hassi R'mel Duration: from January 15, 2018, to January 18, 2018.

Language Proficiency:

Arabic: Native language.

French: Language of instruction and study.

English : Intermediate level.