

Holds a B. Sc. in Chemistry / Physics and has over 6 years hands-on experience working as Lab Chemist and QA/QC Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/01/1992
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Chemistry / Physics, Alexandria University, 2012

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : ISO 9001:2015, Awareness in Egyptian Syndicate of Scientific Professions, Alexandria (16 hrs, Aug. 2018).
- : Quality Risk Management in Egyptian Syndicate of Scientific Professions, Alexandria (12 hrs, Jul. 2018).
- : "Advanced Mud School in Pico Energy Company in-house training (1 week, Jul. 2017).
- : ISO 17025:2005, Awareness in Egyptian Syndicate of Scientific Professions, Alexandria (16 hrs, Aug. 2017).
- : First Aid in Pico Energy in-house training (May 2016).
- : Fire Fighting in Pico Energy in-house training (Mar. 2016).
- : Fundamentals of Well-Drilling and Drilling Fluids Engineering in ITS Training Center, Alexandria (3 weeks, Jun. 2014)-
- : Corrosion Inhibition in Industrial Field in Egyptian Syndicate of Scientific Professions, Alexandria (1 week, Oct. 2013).
- : Alexandria Petroleum Company (summer training) (4 weeks, Aug. 2011).
- : Training program in "The Prevention from the Dangers of Ionizing Radiation" (in Radiation Lab, Faculty of Science, Alex University (May 2012).

- : Soft Skills course, Faculty of Science, Alexandria University: Communication Skills, Body Languages and Negotiation (Jul. 2011).
- : Workshop: Chemical Analysis in Petroleum Industries, Faculty of Science, Alexandria University (Mar. 2010).
- : ICDL degree, Credited from UNESCO (Aug. 2011).
- : Participated organization of soft skills course held in the Faculty of Science for 5 days (Jul. 2011).
- : Participated organization of the charitable market held in the Faculty of Science for 3 days.
- : Participated organization of the 14th Arab Conference of Innovation of Arab under graduated students (in collaboration with Arab Council for Training students of Arab universities), held at the Faculty of Science, Alexandria University (Oct. 2011).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2013 till now
- Employer** : Pico Energy (DFT), Petroleum Services Company
- Job title** : Lab Chemist (Mud Lab)
- Job Description** : Work in the laboratory as directed by lab manager and within a team to:
- Perform routine laboratory drilling fluids checks, including chemical, physical and/or electrical analysis and required to write reports, procedures and analyze data.
 - Analysis of standard and complete drilling fluids on field samples, both water Base and Oil Base mud with different mud systems.
 - Prepare tender formulations in order to measure mud properties in different conditions of temperature & pressure and provide technical support for Operation.
 - Support the lab manager on R&D projects for new drilling mud systems.
 - Standard quality control testing per API/ISO/OCMA and ensure clean, orderly and safe working conditions.
 - Prepare all chemical solutions and reagents used for analysis.
 - Identify quality problems and consult the supervisor /manager for solutions or corrective action.
 - Perform responsibility of Laboratory Document Control and maintain laboratory records, reports and files.
 - Create maintenance and calibration schedule for all lab equipment.
 - Able to operate the instruments and equipment used in drilling fluids analysis such as: FANN&OFI Viscometers - Brookfield LVDV-II+pro - HPHT filter press - Malvern Mastersizer analyzer 2000 "PSD" - PPA "Permeability Plugging Apparatus" - API filter press - Funnel Viscosity - LSM - FTIR - Retorts - Lubricity Tester - pH and conductivity meters.
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- Dates** : From Aug. 2012 till Aug. 2013
- Employer** : New Marina for plastic industries, subsidiary of Savola International Company
- Job title** : QA/QC Engineer
- Job Description** :
- Perform routine lab responsibilities as Chemical & Physical analysis for PET polymer and final product by using of the following apparatus:
 - IV Analyzer (PET Plus viscometer) for PET resin and preforms.

- Moisture analysis (KF Coulometer) for PET resin and preforms.
- Acetaldehyde content (PET ES AA analyzer - GC Technique) for PET preforms.
- Visual inspection of final product using profile projector (PJ - A3000) for PET preforms.
- Various tests applications for SHRINK PE-films as (TCS, Tear coefficient, Tensile Strength, elongation, MFR, etc.).
- Various tests on plastic closures as final products and HDPE resin.
- Work with operation staff, follow and inspection on the quality control section.
- Follow and check to water treatment unit in the plant and chemical analysis as pH, Hardness, TDS and iron kit test.

Further experiences : Worked in Environmental Protection Project, Faculty of Science, financed by Alexandria University and QASP Organization, "Environmental development by classifying and recycling of waste and plastic", mainly plastic waste (from Oct. 2011 till Jun. 2012).