

Holds a B. Sc. in Chemistry and has over 8 years hands-on experience working as Lab Chemist in Petrochemicals and Cement Laboratories.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/06/1987
Gender : Male
Residence : Port Said

EDUCATION

: B. Sc. in Chemistry, Mansoura University, 2009

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

: Quality assurance in cement industry, ASEC Co. (2012).
: Training course in ISO -9001, SGS (2013).
: OSHA general and construction, NIOSH (2017).
: First aid, Egyptian Red Crescent (2018).
: Analytical course, Ain Shams University (2010).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2017 till now
Employer : TCI Sanmar for Petrochemicals, Port Said
Job title : Shift Lab Chemist
Job Description :

- Responsible for daily analysis of Ethylene, EDC (Ethylene Di Chloride), VCM (Vinyl Chloride Monomer) and PVC (Poly Vinyl Chloride) with reporting results to each plant DCS.
- Managing all the routine analysis required for process control (starting from preparation of all standard solutions and inspection of incoming materials, till checking the final quality of the products).

- Perform periodic calibration for lab equipment in the analytical laboratory like: Karl Fisher Device (Titro Line 7500), GC-FID (Perkin Elmer 580 Clarus), PH and Conductivity Meters.
- Good knowledge about MSDS for each Chemical Products in EDC / VCM and PVC Laboratories.
- The analytical instruments that have experience in:
 - GC-FID (Perkin Elmer 580 Clarus) INEOS Vinyl's UK Analytical Manual for 150 KTPA VCM Plant page 100-102 for Determine the Organic Impurities in VCM.
 - Karl Fisher (Titro Line 7500 KF) for Determine the Moisture.
 - DR 2800 HACH Spectrophotometer for determine the concentrations of Elements.

Dates : From Oct. 2010 till Dec. 2016

Employer : Central Laboratory, Shoura Cement 42.5 N (Spanish Egyptian Company), Port Said

Job title : Lab Chemist

Job Description :

- All physical and chemical analysis of cement according to Egyptian standard methods, I was responsible for the complete analysis of daily collected cement sample and besides to my work, I was responsible for calibrations procedure of all instruments in ISO9001/2008 quality system.
- The analytical instruments that I have experience in:
 - Jenway Flame photometer (atomic absorption) for measuring sodium and potassium (ppm).
 - Portable Hackphotometer for measuring chromium+6.
 - DM 1250 X-ray sulfur detector.
 - DM 2100 X-ray multi elements (AL, Si, Ca, Fe).