

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).