

Holds a B. Sc. in Chemistry and a Diploma in petrochemical industries. Has over 9 years hands-on experience working as Production Engineer and Lab Chemist.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 11/01/1988  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## **EDUCATION**

: B. Sc. in Chemistry, Alexandria University, 2009  
: Diploma in petrochemical industries, Alexandria University, 2011

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

: OSHA 30 Hours General industry course in the Arab Academy of Science and Technology (Sep./Oct. 2014).  
: OSHA 30 Hours construction industry course in the Arab Academy of Science and Technology (Sep./Oct. 2014).  
: Risk management course in the Arab Academy of Science and Technology (Sep./Oct. 2014).  
: First aid course in the Arab Academy of Science and Technology (Sep./Oct. 2014).

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Mar. 2012 till now  
**Employer** : Abuo-Elhoul for oil and detergent  
**Job title** : Production Engineer

- Job Description** :
  - Follow up and development three stages of refining of vegetable oils.
  - In neutralization stage: after removing of phospholipids we neutralize free fatty acids by using caustic soda at Certain concentration after this we separate soap stock by separator, we wash oil with water one or two times to remove residual of soap by separator and then drier by vacuum "continuous system" and also make this on "batch system".
  - In bleaching stage: in this stage we remove pigments like B-carotene, Chlorophyll and metals by using clay "Aluminum silicate" with high surface area to adsorb this pigments and metals "continuous system".
  - In deodorization stage: removing materials which cause Odour likes low molecule weight free fatty acids, aldehyde Ketone and unsaturated carbohydrate by using distillation Tower with certain number of trays equipped with heating Coils, steam stripper and vacuum to separate materials according to different in boiling point "continuous system".
- Dates** : From Dec. 2009 till Mar. 2012
- Employer** : Transport & Engineering Co. (NISR TIRE)
- Job title** : Lab Chemist
- Job Description** :
  - Making physical and chemical analysis for all materials enter in production of tyre such as natural rubber (SMR 20, SMR CV, SMR L), Synthetic rubber (RECLAIM, BR, IIR), filler and reinforcing agent (calcium carbonate, Most grade of carbon black, magnesium oxide), accelerator (TMTS, CBC, MOR, MBTS, MBT), vulcanization agent (soluble sulphur, insoluble sulphur), activator (zinc oxide, Fatty acid like stearic acid), tackyfyng agent (most type of resin), protection agent, Bonding agent, and other.
  - Preparing and standardization all solutions which require for testing chemical materials.