

Holds a B. Sc. in Chemical Engineering and has over 4 years hands-on experience working as Chemical / Process Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : Oct. 1991
Gender : Male
Residence : Minia

EDUCATION

: B. Sc. in Chemical Engineering, Minia University, 2014

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Training in Sugar industry in Abo QrQas - Minia (Aug./Sep. 2013).
- : Training in Qedwan Water Treatment Station, Minia (Aug. 2012).
- : Training in plastic factory in Minia Industrial Zone (Jul./Aug. 2014).
- : Training in RDI Center in Biogas.
- : Training in Ceramic factory in Minia Industrial Zone.
- : Training in RDI Center in SOFC Unit by using biogas to generating electricity.
- : OGS (Oil and Gas Skills): Natural Gas Processing, Heat Transfer Equipment, Pumps, Storage Systems and Bio gas.
- : How to Recycling solid wastes.
- : Fermentation of sewage slurry, food wastes, animal wastes to biogas.
- : International Computer Driving License (ICDL).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2017 till now
Employer : Reliance Group

- Job title** : Process Engineer
Job Description : Alternative Fuels, Refused Derived Fuel RDF, Recyclables and Compost production.
- Dates** : From Mar. 2016 till Dec. 2016
Employer : Elnenaiea Co. for industry & trading factory (drying vegetables and fruits) in Ashmoun - Menoufia
- Job title** : Chemical Engineer in biogas field
Job Description : Worked in recycling or fermentation wastes of drying and distillation into biofuel use as fuel for boilers.
- Dates** : From Jul. 2014 till Mar. 2016
Employer : RDI (Research and Development Institute) in Faculty of Engineering – Minia University
Job title : Chemical Engineer Researcher in Biogas fields and renewable energy
- Field of experience** :
- Generating electricity by using SOFC unit (solid oxide fuel cell) from wastes such as animal waste, plants waste, sewage slurry, food waste and human wastes.
 - Fermentation of animal waste and food waste to biogas by using floating tank digester - we feed 25 kg daily feed, this feed produce about 1-2.5 m3 biogas.
 - We do treatment for biogas to remove H₂s by desulfurization unit then we feed biogas to SOFC unit.
 - We using SOFC to generate electricity by 65-75%.