

Holds a B. Sc. in Special Chemistry and has more than 3 years hands-on experience working as Chemist.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Single
Residence : Zagazig

EDUCATION

: B. Sc. in Special Chemistry, Zagazig University, 2015

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2016 till now
Employer : Ridgewood Egypt
Job title : Water Treatment Technical Support (Chemist)
Job Description :

- Make internal and external audit and quality management system (ISO standards requirements).
- Technical qualifications:
 - Water analysis water treatment and water desalination.
 - Modeling, design and normalization of RO plants.
 - Chemical analysis, research and technical support.
 - RO plants Operation & technical support.
 - Chemical Engineer at technical support department (follow up the plants problems as increasing TDS, decreasing production, membranes problems, testing membranes by detecting TDS, check plants by measuring feed flow, product flow, reject flow, probing test, flow test and make Chemical cleaning for plants due to iron fouling, bio fouling, organic fouling and scaling.
 - Supervising the R.O. plant operation. Check the controlling parameters such as: pH, Temperature, Feed Pressure, Reject

Pressure, Flow rate, Conductivity and chlorine etc. in the R.O. system.

- Following up Regeneration of MMF, SDI test, disinfection of wells, treatment of product water.
- Work on water desalination plants projection.
- Recording and analyzing the RO operating data for normal operation, monitoring performance of membranes (system normalization), high pressure pumps and power saving instruments e.g. (ERT, PX).
- Following up proper adjustment of pre-treatment and post treatment systems of the RO plants.
- Estimating the proper dosing rates of all chemicals encountered in the processes.
- Estimating antiscalent dosing rates using different antiscalent software (King, Osmotic, Hydrix).
- Following up the control of scale and fouling, maintenance and corrective actions (regular and non-regular).
- Supervision of chemical cleaning of the RO plants and proper selection of chemicals.