

Ahmed Mohamed Mahmoud Hegazy

Water and Environmental Pollution Treatment

Senior Chemist

Aiming to acquire knowledge, gain more experience in more than one field since all fields are now interrelated and to work in an organization that offers space for excelling and self-proving on the Personal and professional levels and that will help me to expand my network which will help in a competitive job market and It will let me to do my work perfectly, so I am seeking a challenging employment opportunity in the field of measuring flowing gases, laboratory experiments and preparing technical reports.



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Ismailia , Egypt

LANGUAGES

- Arabic - Mother Tounge
- English – very good

HOBBIES

- Reading
- Research
- Playing Football
- Swimming

PERSONAL INFORMATION

- Birth Date: 2/5 /1984
- Address: Ismailia, Egypt
- Nationality: Egyptian
- Marital Status: Married
- Military Status: Exempted

EXPERIENCE

Senior Chemist at General Administration of Environmental Affairs, East Delta of Electricity production company (Jan 2020 - now)

- Preparing the monthly environmental index of company
- Preparing the monthly report of environmental measurement and chemical analyses of company
- Periodic inspection of the company's planets
- Monitoring of gaseous emissions of the company's planets by means of CEMS devices
- Measuring the gaseous emissions of the company's planets by means of portable devices
- Environmental measurements
- Participating in the preparing of more than one tender
- Safe disposal of hazardous waste and unusable oils
- Certified trainer for environmental courses

Chemist at General Administration of Technical Affairs, Abo Sultan Power Planet (2013 - 2020)

- Monitoring natural gas and mazout analyses.
- Monitoring transformer oil analysis to detect any fault.
- Monitoring the chemical usage of planet.
- Determine the thermal value difference for Fuel
- Respond to inspection notes of :
 - ✓ Technical Assurance Department
 - ✓ Chemistry and Environment Departments
- Working on the annual environmental register
- Working on the annual and semi-annual report
- Work as Chairman of the annual inventory committee of the station stores more than once.

Chemist at Environmental Depart, Abo Sultan Power Planet (2010 - 2011)

- Doing tests of phosphate, aluminum, nickel, copper, PH, conductivity and turbidity of Industrial waste water unit samples.
- Chlorine residual, PH and conductivity of drinking water samples.
- Temperature difference, oil and grease of sea water samples.
- Measuring flow gases as CO,CO2, NOx, SOx
- Measuring Dew point

COURSES

- Qualification for ISO certification
- Introductory leadership preparation course
- Prepare a TOT trainer
- Grammar rules of English language
- Principles of transparency and integrity
- Translation rules
- Transformer oils and performance rates test
- Environmental compatibility through total quality
- Primary treatment systems and demineralization
- Transformer oils and early detection of faults
- Environmental Inspection and Environmental Indicator
- Study fuel specifications and fuel additives
- Maintenance of boilers
- Chemistry and water treatment
- Environmental affairs
- Improved combustion process
- Water Desalination Technology
- Occupational Safety and Health

EXPERIENCE

Chemist at Chemical Treatment Depart, Abo Sultan Power Planet (2007 - 2010)

- Doing tests of conductivity, PH, silica, ammonia, hydrazine, phosphate and chloride.
- Production of demineralized water .
- Production of drinking water
- Injection of ammonia ,hydrazine ,phosphate in boiler
- Injection of fuel additive (pentomag 5500 kw)
- Monitor the boiler acidic cleaning
- Operate hypochlorite production unit
- Operate industrial waste water unit

EDUCATION

Analytical Chemistry Diploma, Faculty of Science, 2008

Suez Canal University, Egypt

Grade: very Good

B.Sc. degree of Chemistry, Faculty of Science, 2006

Suez Canal University, Egypt

Grade: Good

SKILL HIGHLIGHTS

- Leadership and teamwork
- Strong decision maker
- Complex problem solver
- Innovative
- Effective time management
- Ability to multitask
- Ability to work under pressure
- Flexibility and adaptability
- Communication skills
- Excellent Command of team viewer program.
- Excellent command of using Microsoft office programs (Word, Excel, PowerPoint).
- Excellent Command of Adobe Photoshop and internet
- Proficient dealing with various windows programs.
- Presentation

Achievements

- Certified trainer at East Delta of Electricity Production Company
- Participate in the preparation of environmental impact assessment study of Arish power planet
- Participate in the Occupational Safety and Health Committee to inspect the planets of Cairo Electricity Production company