

Kingdom of Saudi Arabia – Jeddah – El Rewis 2- Baroom Centre
E-mail :- fahd_hamza@hotmail.com
mayafahd@yahoo.com
Cell. Phone: +966565424773



SAMEH. M. HAMZA

PERSONAL DATA

Birth date : July 5th 1972
Nationality : Egyptian
Military status : Final Exemption
Marital status : Married
Religion : Muslim
Address : K.S.A – Jeddah – ELRwuais2
Baroom Center
Phone number : 6536558
Cellular phone number : +966565424773
Own Car : Not Available
Driving License : Valid Till Date

EDUCATION

- Bachelor degree from the Agricultural Cooperative High Institute(*General department*)
Date attended : May 2003
Degree : Pass
- Diploma degree from the Chemical Technical Institute (*Analysis and operations department*)
Date attended : May 1993
Degree : Good
- Still studying for diploma of Environmental Studies in Environmental studies Institute- Ain Shams University.

WORK EXPERIENCE

FROM 1 JUL 2009 TILL NOW :-

As an
Expert Environmental
in Jeddah K.S.A – PME
Presidency of Meteorology and Environment

JOB DESCRIPTION

Participated in giving full training on Equipment (Luzchem) Photoreactors In the King Fahd University of petroleum in Dammam and King Saud University in Riyadh twice.

*Familiar with food inspection and quality control of food.

*Expert-Labs food control and food safety.

* Familiar with the General system for the environment and the regulations and Rules Implementation in Saudi Arabia.

* Participated in establishing the administrative structure of the laboratory section.

* Attend conferences and workshop on air quality and coastal waters followed by PERSGA organization.

* I attended the workshop held in the General Presidency of meteorology and environmental protection to view development company MA'ADEN minerals Dahab Mine.

* Water management and environmental laboratories.

* Water quality management -Air quality management.

* Study reports environmental studies
Environmental impact assessment study(EIA)
Submitted by environmental consulting companies and answered.

* I attended the workshop held in the General Presidency of meteorology and environmental protection on air quality Sampling of Dioxin and Furan from Stacks according to EPA method.

FROM SEPTEMBER 1999 TILL JUN 2009 :

As an environmental researcher (water section) in the CAIRO CENTRAL CENTER (C.C.C.) which follows the EGYPTIAN ENVIRONMENTAL AFFAIRS AGENCY (EEAA) – Ministry of State for Environmental Affairs (MSEA)

JOB DESCRIPTION:

- ISO 17025 for the quality factor of global environmental EGAC.
- Inspection for all water treatment stations in Egypt and assessment its efficiency toward the treat, help to improve this efficiency to prevent the industrial wastewater effluents discharge in the river Nile or it's branches.
- Inspect some sewage treatment plants and how to manipulate and sampling and analysis.
- Training was given to some companies and laboratories for ministries in many provinces of Egypt such as Alexandria and Suez and Hurghada
- Collection and preservation of water samples.
- Laboratory occupational health and safety.
- A member Laboratory Liquid and Solid Waste management system committee.
- Participate to design the Data Base about water pollution in Egypt.
- Cooperation with the universities and a research institute to mitigate the water pollution in Egypt.
- Mapping the water Quality data in Egypt using Arc-Map program.
- Analysis of physical aggregate properties
- Preliminary treatment of water and soil samples for heavy metals analysis using Atomic Absorption technique.
- Inorganic nonmetallic constituents analysis
- Aggregate organic constituents analysis (PAHs different samples via HPLC instruments)
- Measure the hazardous waste (liquid, solid) characterization by TCLP. GasChromatography (GC); Liquid chromatography (LC); Mass (GCMS); Shimadzu Corporation
- (GC-FID) Flame Ionization Detector;

- Liquid chromatography-mass spectrometry
- Participating in the conferences and workshops about water and wastewater treatment.
- Microbiological examinations
- Determination of different parameters using wet chemistry methods including:

pH, Conductivity, Turbidity, Temperature, Dissolved Oxygen (DO), Salinity, Biological Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Total Suspended Solids (TSS), Total Dissolved Solids (TDS), Nitrate (NO₃), Nitrite (NO₂), Chloride, Fluoride, Hardness, Alkalinity, Phenols using international standard methods (EPA methods and Standard methods for examination of water and waste water).
- A member of Health Safety Environment (HSE) committee.

QUALIFICATIONS FOR INSTRUMENTATION OF THE FOLLOWING EQUIPMENTS:

- Laboratory Wastewater treatment plants.
- Flame and Graphite Atomic Absorption Spectrophotometer.
UV-Visible Spectrophotometer
- Ion selective electrodes
- pH and Conductivity meters
- High Performance Liquid Chromatography, HPLC
- Portable XRF to measure Heavy Metals.
- TCLP instrument.
- Air partition devices such as Dust PM10, Particulate Monitor.
- Portable indoor Air quality Monitor CO, CO₂, H₂S, Sox, NO_x, and VOCs Flue Gas Analyzer.
- Noise & Sound Level Meter.

FROM SEPTEMBER 1995 TO SEPTEMBER 1999:

As a technical operator in the Egyptian Drilling company

- Technical operator in sodium sulfate anhydrous factory

- Technical controller in the control room

- Contact relations with the following companies:

White Young (England)

Mansmann; Metro; and Franktozy Company.(Germany)

LANGUAGES

- Arabic : Mother tongue
- English : Excellent Speaking , Reading , Writing
and understanding .
- Japanese : Fair (attended the Elementary Japanese
Language course conducted by Hachioji
International Center City, **Japan**).

COMPUTER SKILLS

- Good skills in MS Windows (98, Millennium , 2000, and XP 2010)
- Good skills in MS Office (97, 2000 and XP) including Word- Excel
Power point and Internet.
- ICDL 2008

TRAINING COURSES

Training Courses Outside Egypt

- Water Environmental Monitoring II

From September, 20 to November, 18 2005.

National Environmental Research and Training Institute (NETI).

Ministry of the Environment, Tokyo- **Japan**.

I had training on using of both High Performance Liquid

Chromatography (HPLC), Atomic Absorption Spectrophotometer

(AAS), Gas Chromatography (GC), and Total Organic Carbon Analyzer (TOC).

▫ Japanese Language Course

Japan International Cooperation Agency (JICA) Center,
Tokyo- Japan.

TRAINING COURSE INSIDE EGYPT

▫ Microbiological examination of water samples By Japan International Cooperation Agency (JICA).

▫ Environmental Risk Assessment and Risk reduction
National Research Center (NRC).

▫ ISO 17025 and Quality Control of Data.

▫ Digestion methods for particulate matter By Japan International Cooperation Agency (JICA).

▫ Sampling of water samples from the regions By Japan International Cooperation Agency (JICA).

▫ Industrial security By the Civil Defense Administration.

▫ Flameless Atomic Absorption Spectrophotometer (JICA).

▫ Health safety environment.

▫ Gas Chromatography – Mass Spectrometry (GC-MS)
for volatile organic compounds (VOCs) Sept 11 , 2001 (JICA) .

▫ Program Computer POWER POINT 14-18/4/2001
From Training Center For Executives In Government Sector .

▫ Course Windows 95 + Excel 97
From 10/3-10/4/1999 (ARETMEC).

▫ High Performance Liquid Chromatography (HPLC)
Sept 3-28/9/2006 ; Ministry Of Agriculture & Land Reclamation

Agricultural Research Center; Pesticides Laboratory .

- Principals and Rules Required For Lab Accreditation

3-7/12/2006 Egyptian Atomic Energy Authority (EAEA).

- Petroleum Oil Fingerprint Analysis

1/7/2007 To 2/8/2007

Egyptian Environmental Affairs Agency, Suez RBOs., JICA.

- Sampling and Analysis of PAHs

12/8/2007 to 23/8/2007.

Egyptian Environmental Affairs Agency, Cairo Central Center

(EEAA, CCC) JICA.

- International Computer Driving Licenses . (ICDL)

PUBLICATIONS

REPORTS:

- 1- Sameh .M.Hamza ,” Country Report for Training Course : Water Environmental Monitoring II “ JICA , Tokyo, Japan , 18 September, 2005 .
- 2- Sameh .M.Hamza,” Final Report for Training Course : Water Environmental Monitoring II “ JICA , Tokyo, Japan , 20 November, 2005 .
- 3- C.C.C. Staff, “Environmental monitoring of water quality of river Nile for year 2004" EEAA.
- 4- C.C.C. Staff, “Environmental monitoring of water quality of river Nile for year 2005" EEAA.
- 5- C.C.C. Staff, “Environmental monitoring of water quality of river Nile for year 2006" EEAA.

CONFERENCES:

- 1- Publish paper on Biannual Conference in Chemistry Chem-04 from 5-8 march 2006 organized by Department of Chemistry , Cairo university , under title " Wastewater Treatment Facilities for Environmental Laboratories:Part one: Treatment of Laboratory Wastewater contain heavy Metals and Cyanide"
- 2- Publish paper on Biannual Conference in Chemistry Chem-04 from 5-8 march 2006 organized by Department of Chemistry , Cairo university , under title

- “Environmental monitoring of water quality of river Nile for 2004-2005 ”.
- 3- Acceptance for Publish paper on International Ain Shams University Conference in Environmental Engineering from 9-11 April 2007, under title " Wastewater Treatment Facilities for Environmental Laboratories:Part two: Treatment of Laboratory Wastewater contain organic materials"
 - 4- Acceptance for Publish paper on International Ain Shams University Conference in Environmental Engineering from 9-11 April 2007, under title “Environmental monitoring of water quality of river Nile for 2005- 2006 ”.
 - 5- Scarce Water ... Rising Water : Between Droughts and Flooding . Arab Policies to Meet Environmental Challenges held in BIBLIOTHECA ALEXANDRIA From 31st March To 1st April 2010 Cooperation With UNDP.

**PROJECTS
MEMBERSHIPS**

- Participating in the final evaluation of the Environmental Monitoring and Training Project (EMTP) with JICA.
- Laboratory member in LIFE project for sampling and analysis of wipe, dust, soil, and Remediation the pollutant sites from Lead and Cadmium in Shoubra EL-Khema region, USAID.

**With my best wishes
S.M.Hamza**