**First Name of Application CV No 1639980**

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**ENVIRONMENTAL CHEMIST/GC ANALYST/MICROBIOLOGIST**

**Overall experience : Over 7.5 Years, 3Years in Gulf Countries**

**Expected CTC : Industry Standards**

Profile Summary :

Hands-on experience in various capacities as a **GC-Analyst/Environmental Chemist/Microbiologist** in different organizations.Administrative as well as technical support professional experienced, working in fast pace environments demanding strong organizational, technical, and interpersonal skills, trust worthy, ethical and discrete, committed to superiors services. Confident and poised in interaction with individual at all levels.Detailed,resourceful in completing challenging tasks effectively.

Personal Profile :-

More than 7 years of diverse industrial experience

Extensive knowledge and practical experience of Chemical Analysis, Instrumentation, Physical Analysis, Sampling Techniques, Reporting and Quality related aspects of Oil And gas samples Water, Wastewater, Environmental samples, Sludges, Aggregates, Soils ,Concrete, Cement, scales **to EPA , ASTM, BS, APHA, AWWA, WHO.**

Extensive theoretical and practical knowledge in highly sophisticated instrumentation like **GC, GC-MS,GC-FID, GC-NPD,IC, ICP,AAS, Gas Analyser,Air Flow Meter, Nitrogen Concentrator etc.**

GC-MS analysis of water, soil, Sludge and other common waste materials as per **EPA -846** and other international testing standards.

Employement History: In Gulf

**June 2015 onwards working in:**

**GULF LABORATORIES, a Sister** concern of **MANNAI CORPORATION, DOHA, QATAR**, an Independent testing Laboratory accredited by **ISO 9001:2000, OHSAS 18001:1999** as a **Senior Environmental Chemist/GC-Analyst cum Microbiologist.**

**Analytical Skills:**

* Crude oil analysis: Qualitative and quantitative analysis of Gasoline range Hydrocarbons (GRH),Diesel range Hydrocarbons (DRH) and Heavy Fractions
* BTEX using Headspace and Purge & Trap
* Well versed in following USEPA Methods- 8015C,5030,5035,8260C,8270D,3550C9071B,8081,TBT,Dioxins,Furans and USEPA 1311 for Toxicity Characteristic Leaching Procedure(TCLP)
* Water Analysis: Complete chemical analysis of water samples using EPA, APHA/AWWA/WEF and ASTM.
* Effluents Analysis: Analysis of Petroleum Hydrocarbons, PAH, SVOC, VOC, PCBs, Pesticides, Btex.
* Having an extensive practical and theoretical knowledge in different types of Extraction procedures like Liquid –Liquid extraction, Solid Phase Extraction, Microwave Extraction.
* Having an extensive practical and theoretical knowledge in different types of Cleanup Procedure like Florisil, silica gels.
* Responsible for planning, performing, implementing and supervising GC-MS environment.
* Implementing Quality assurance practice and procedure in analytical and study process
* Evaluates and prepares report on the results as per ISO 17025.
* Chemical Analysis of Soils, Aggregates, concreate, cement, admixture, steel, paints.
* Environmental Monitoring of Ground water gas and soil gas monitoring

**Instrumentation Skills:**

* GC-MS Agilent Technologies -7890A GC connected with 5975 C inert MSD with triple axis detector, Purge &Trap-Teledyne Takmar.
* GC-MS Perkin Elmer- Clarous 500 GC connected with Clarous500 MS with turbo mass software
* Turbo matrix 40 trap head space sampler
* ICP-OES :Perkin Elmer Optima 2000Dv
* BW multigas Detector
* Multi Rea Gas monitor
* Air Flow Meter
* **Ion Chromatography**

**Chemist**

Geosciences Testing Laboratory - an Independent testing Laboratory accredited by **ISO 9001:2000, Dubai.**

**Aug 2011 to Jan 2013**

**Job Responsibility:**

* Chemical Analysis of Waste Water, Waste Chemical Waste Sludge, Contaminated Soil Waste Solid, Dewatering Water Waste Oil, Treated Water as per APHA – AWWA
* Chemical Analysis of Drinking / Potable Water APHA – AWWA (as per Gulf Standard (GSO) / World Health Organization (WHO)
* Chemical Analysis of Swimming Pool Water APHA – AWWA (as per DM Guideline No. 69
* Chemical Analysis of Water (Domestic / Chiller / Cooling Tower / Boiler Feed / Grey) as per APHA – AWWA
* Water Soluble Chloride Content in Soil as per BS 1377 Part 3 acid soluble chloride content in soil as per BS 1377 part 3
* Acid and water soluble sulphate content in soil as per BS 1377 part 3
* Chloride Content of Aggregates Using a Nitric Acid Extract for Aggregates Containing Chloride Not Extracted by Water as per BS 812 Part 117
* Water Soluble Chloride Content in Aggregates as per BS 812 Part 117 BS EN 1744 Part 1
* Colorimetric Analysis Aluminum Species (Al3+, Al2O3) Aluminum Method Boron (B) Carmine Method 28 Bromine (Br2) DPD Method 29 Chlorine Dioxide (Cl2O2) DPD Method 30 Free Chlorine (Cl2) DPD Method 31 Total Chlorine (Cl2) DPD Method 32 Color (True and Apparent) Pt- Co Standard Method 33 Turbidity Absorptometric Method 34 Cyanide (CN- ) Pyridine - Pyrazalone Method 35 Cyan uric Acid Turbid metric Method 36 Fluorides (F- ) SPADNS Method 37 Iodine (I2) DPD Method

Employement History: In India

**Chemist**

Spectra Agritec – Delhi – India

**Feb 2013 to May 2015**

**Job Responsibility:**

* **Testing of soil compaction using cone penetrometer**
* **Testing of soil moisture content using MP kit**
* **Testing of physical parameters of water as per Indian standards**
* **Measurement of photosynthesis and fluorescence using IRGA and PAM Flourometer**
* **Measurement of wind speed wind direction rain fall by using Automatic Weather Station**
* **Metal analysis of water using FIA Instrument**
* **Measurement of NDVI SDVI using green seeker**
* **Irradiance measurement using spectroradiometer**

**Chemist**

Premanchal Breweries Pvt Ltd Bhopal India

**Aug 2008 to July 2011**

**Job Responsibility:**

* Physical chemical and Microbiological parameter of drinking as per BIS standard
* Water analysis responsible for all the analysis of pH ,TDS, Hardness, Total suspended solids, Nitrate ,Nitrite, Chlorides, Dissolved O2, Iron, Phosphate as BIS norms
* BOD (Biological oxygen demand) & COD (Chemical oxygen demand) analysis from waste water and sewage water before discharge into the environment
* Calibration of instruments such as pH meter, Conductivity meter, Analytical balance, Hot air oven, Autoclave, Saccharimeter, Refract meter, Turbidimeter
* Preparing standard operating procedure as per BIS
* Inspection of hygienic environment in the organization

Acedmic & Professional Qualification:

M.Sc (Biotechnology) from Barkatullah University, Bhopal, India.

B.Sc (Bio-Technology) from Barkatullah University, Bhopal, India

Training Courses:-

* Hand on training from Heinz walz Germany on environmental instrument from June 2014 to July 2014
* Advance training on laboratory instrumentation and its application organized in Environmental Research Laboratories (ERL) Lake Conservation Authority of Madhya Pradesh, Bhopal.
* Basic Molecular biology & Recombinant DNA Technology organized by Global Green.

Personality & Hobbies:-

* **Creative Writings** (Articles, Poetry, Gazals & Nazams in Urdu and English)
* **Calligraphy** (Arabic, English and Urdu).
* Love to travel and discover new places.
* Knowing new people and seeing different cultures.
* Ability to work under pressure and tough conditions.
* Always looking forward to improve my knowledge and experience by staying updated of all what’s new in my job field and in general life.

Personal Information:-

Citizenship : Indian

Date of Birth : 13 May, 1984

Religion : Islam

Marital Status : Married

Language Known: English, Urdu, Hindi and Arabic Working Knowledge