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The------------------- K.N.DUBE

Advert Date : -------------2014

Post Applied for : Manager Power Plant Laboratory

Name : Karuna Nidhi Dube

Father’s Name : ShriI R.K.Dube

DOB : 15 MAY 1969

Salary Drawn : Approx.14.0 Lakh/Annum

\* Leader ship quality and having good personality

Qualification :-

* B.Sc.in 1991 with Chemistry as a Main from Rohilkhand University Bareilly securing 50.5% marks.
* M.Sc.in 1994 with Chemistry as a Main from Purvanchal University Jaunpur securing 53.7% marks.

**Technical Qualification**.**:**

From December 1995 To June 1996 Supervisory Course in Operation and Maintenance with Chemical Trade from Advance Training Institute (Govt.of India) Mumbai Securing 70.5% marks.

Diploma in Environment & ISO14001securing 71% marks from NilemInstituteChennai.

**Training :**

From July 1996 To Aug.1996 in Rastriya Chemicals & Fertilizers Ltd. Mumbai, From Aug.1996 To Sep. 1996 in Oswal Chemicals & Fertilizers distt.Shahjahanpur (Kribhco Shyam Fertilizers)

**Services:**

From June1997 To August 2002 worked with Oswal Chemicals & Fertilizers ltd.distt.Shahjahanpur **(KRIBHCO)** as a Jr.Chemist in Environment & quality control Laboratory.

From September 2002 To 13 November 2007 worked with Aditya Cement Power Plant Chittorgarh (ADITYA BIRLA GROUP) as a Supervisor Follows OHSAS -18001,14001,9001 Norms,

From 14 November 2007 To September 2010 worked with Torrent Power (AEC) ltd.Ahmedabad.as a Executive in

Environment & quality control Laboratory.

From October 2010 To till date I am working in Jsw Energy Barmer as a Manager Environment & quality control Laboratory

**JSW ENERGY LTD.**is aCoal Based 1080 MW Thermal Power Plants Consisting of

8 X 135 MW of Each

2X2400 Meter Cubic /Hr. Pre treatment Plant

3X165 Meter Cubic/Hr. Effluent Treatment Plant

3 X 100 Meter Cubic /Hr. D.M. Plant

8 X 24,000 Meter Cubic/Hr Cooling Water

8 X 150 Kg pressure steam Boiler.

A well equipped centralized Environment & Quality control Lab.

**Expertise Field:**

* Problem solving of Automatic bomb calorimeter Leco-350,etc.for testing of Various Fuel like coal & diesel.
* Sulphur & c.h.n.s Anayser-Leco for Proximate and Ultimate coal analysis instrument.
* Automatic Thermo Gravimetric Analyzers (TGA) for the testing of Ash ,vm & moisture of Coal.
* Dissolve gas analyzer (hydrocarbons of oils) for Transformer oil.
* Various type UV-VIS Spectro photo meter(Shimazdu,Hach,Systronic,Chemeto,Elico)
* Atomic Absorption Spectro photo meter (Perkin Elimer,Shimazdu,Elico,Make)
* Turbidity meter(wtw,orion,hach,Scientec,Eutec,.)etc.
* pH meter & conductivity(wtw,orion,hach,Scientec,Eutec)etc.
* Flash point apparatus,
* Flue gas analyzer-KM900),Testo-350
* High volume sampler(Envirotech)
* Metrohm-821 for oil moisture
* Visco meter-Petrotest,Brokrfield,SS.eng.
* G.C.(Shimazdu,Chemeto)
* Other Various Equipments like Particle counter-NAS (Parker-LCM2021,2025)

# Daily Analysis of Fuel, Boiler Chemicals & Raw materials :

Routine Proximate and Ultimate coal analysis of Indian(Bituminous & Lignite) & Imported type

Analysis of Naptha,Diesel,Furnance Oil (GCV,Aromaticity Distillation range & Density, Flash point ), Analysis of Hydrazine,Morpholine,Trisodium Phosphate, Disodium Phosphate, Ammonia,

Analysis of Hcl,Caustic Lye,Sulphuric,Salt,Bleaching powder, Alum(%Purity,Moisture,Iron,Residue,etc.)

Bags Testing –Physicals measurements, weigh,Tensile Strength

**Nature of Jobs :**

* Managing all the activity of Environment & Quality Control Lab.
* Managing Total Operation of DM Plant.
* Managing Total Operation of Pre treatment plant.
* Managing a Total Operation of Effluent treatment Plant.
* Managing Total Operation of Sewage treatment plant
* Managing all the activity of water chemistry problems of 1080MW power plant.
* Involve in the JSW energy auditor team.
* Fully involve in the **Chemical Cleaning of High Pressure Boilers.**
* Fully involve in the Cold washing activity of **120 MW.**
* Worked as a Site **Incharge**  in different Coal field at Manendragarh(C.G.)likekorba,Churcha,Jhilimili,Bhatgaon,
* Rajnagar,Gravera,Nourozabad,etc.regarding Procurement (quality, quantity, payments of coal etc..
* Fully involve in the erection & commissioning activity of Aditya power & JSW Energy.
* Managing the Total analysis of lube oil.
* Managing the Total analysis of ammonia,Urea,plants.
* Supervision of Corrosion coupons, Microbiological in Cooling water
* Inventory control& Develops the Vendor’s as per Lab requirements.
* Innovation of New idea and Focus to reduce the cost of operations.
* Control Supervision of Chlorinator system.
* To short out the routine problems of running plants.
* Manpower planning for the shutdown & break down jobs.
* Investigation the Coal shortage issue and visited Naulakhi,Dahej,Mundra,Jaigarh port.

Environments and Safety:

* Managing the compliance of consent to establishment, consent to operate form I & XIII
* Managing the monthly water cess production, consumption data
* Managing the Hazardous waste in form V.
* To control Pollution parameter & their record like sox,nox,spm,noise level,
* To comply the statuary compliances.
* Innovation of New idea and Focus to develop the map of plants beautification.
* To check the oxygen level in confind space entry.
* To initiate the Safety awareness training and uses of PPE’s for routine jobs.

To set up the new laboratory for power plants independently**.**

**Other Activity: -**

**\*** To get a prize for cost reduction on 26 January2005

\* To attend the seminar for gas analyzer at JK nimbaheda

\* To attend the seminar for Industrial safety Management

\* To attend the seminar for Cooling water problems Udaipur

\* Knowledge of **SAP** 2006,ORP etc.

\* To make HIRA,OHSAS,ISO related documents.

\* To attend the seminar of power plants chemistry at NTPC(NETRA)

\* To attend the seminar for global warming at sirsi.

\* To attend the international level seminar for water treatments at NEERI.

**Experience : 15 Years**

Pass port number: -E-8592511, validity-20.05.2014

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**AIM :-** TO DEVLOP NABL LABORATORT

**REMARKS:- MANAGING ALL THE WATER, FUEL & ENVIRONMENTAL RELATED ISSUE.**