**ABHAY RATHORE**



**E-Mail:** abhay.knit@gmail.com **Mobile:** +91-9099901381//9792462818

**VISION**



To become a part of the dynamic organization which believes in the technological development with the rapid pace of modernization?

**SUMMARY**



* A qualified **B.Tech in Electrical Engineering** from **Kamla Nehru Institute of Technology Sultanpur (Government College**) presently working for **ONGC Petro Addition Limited (Opal) a joint unit** of **ONGC and Gail (Largest Petrochemical Complex in Asia)** and previously worked for **Indo Gulf Fertilisers** **(Second Most Energy Efficient Unit in India)** a unit of **Aditya Birla Group (Fertiliser Division)** as Senior Engineer and also previously worked for **JP Group** since **JULY 2008** as an Electrical Engineer.
* An efficient key player in challenging & creative environments with excellent capacity to adapt to new technologies and skills.
* Quick learner & self-directed; consistent updating self with the emerging trends in the Industry.

**WORKING EXPERIENCE**



#### ERECTION/COMMISSIONING/MAINTENANCE

Presently Working in **ONGC Petro Addition Limited a unit** of **ONGC and Gail** at Dahej Bharuch, Gujarat in **Tank farm, Sphere Road Gantry, Cross Pipeline, ECTS Plant and Naptha Terminal, Utilities** also previously worked in **Aditya Birla Group at Indo Gulf Fertilizers** having capacity of **3200MT Fertilizer per day** and also previously worked with Jaypee Associates Ltd. from July**-2008** to Dec-**2010** at **Dalla Cement Factory** in erection/commissioning/operation/maintenance of **4500TPD KILN Plant**(kruppPolysius-TKIL) Plant Design-Holtec and at **Chunar Cement Factory** in commissioning/operation/maintenance of **2400 TPD Cement** Plant and **132kv switchyard**.

**Designation- Senior** Executive.

***Work Profile***:

**ONGC Petro additions Limited (Opal)-Petrochemical From 6th April 2015 to till Date**

#### Involved in the Pre-commissioning and commissioning of the Tank farm (total 60 in no.)

#### Involved in the Pre-commissioning and commissioning of loading and unloading Propylene Gantry and Flare area.

#### Involved in the commissioning of Naptha receiving/dispatch terminal along with the 11 kms long cross country pipeline (ICCP).

* Involved in day to day maintenance activities of electrical equipment’s and spare management in Dual Feed Cracker Unit (DFCU-Mother Plant).
* Working in the GIS system (Gas insulated Switchgear) at 66KV system.
* Following the Safety Standards and SOP for Electrical Maintenance Activities.
* Total no. Of Substations 11, 3 Control Rooms and one 220KV Switchyard.
* UPS 2\*120 KVA Emerson/DB Power/Hirel make, battery Ni-Cd HBL make commissioning done.
* ECS system for monitoring the parameters.
* 6.6 KV HT board BHEL/Jyoti/L&T make. 415 V Siemens/C&S/L&T make LT board.
* 220 KV Switchyard 2\*75 MVA Transformer 220KV/66KV Feeding to the GIS (Gas insulated Switchgear) make Siemens.
* Process Emergency DG Verstale Make 6.6KV, 8.3 MW. Black starts DG 415 V, 2MVA Gamco Make.
* Battery bank of Amco Shaft rating 213 & 605 AH. Battery Charger makes Dubas, HBL and Amara Raja.
* Involved in the pre-commissioning of 12100 KW Extruder Motor, 1850 KW Gear Motor, 490 KW Cutter Motor Ansaldo make VFD drives.

**Indo Gulf Fertilizers of Aditya Birla Group-Fertilizers from 29th Nov 2012 to 2nd April 2015**

* Involved in operation/maintenance of Ammonia Plant.
* Involved in operation/maintenance of 3200MT per day capacity Urea Plant.
* Involved in day to day maintenance activities of electrical equipment’s and spare management in Ammonia/Urea Plant.
* During 30 days Shutdown Ansaldo make Generator (24250 KVA) O/H and testing done.
* Worked in 415 V Amtech make VFD of 315 KW, 15KW drives and Siemens make (Micro master 440Series) VFD of various ratings.
* During Shutdown Generator Cable being replaced with the new one (400 sq.mm 11KV Copper Cable Make-Polycab)(new vendor developed Raychem in-place of Birla 3M regarding kits)
* 168 Tonne Cooling System and 33000 CFM AHU being commissioned for the Cooling of 23MW Generator(new vendor developed and also AMC being given for the previous installed cooling system)
* Lighting Arrester and Potential Transformer being replaced in 132KV Switchyard to enhance the reliability. Also 132 KV MOCB Make Bhel O/H done.
* 2.5 MVA Emergency Diesel Generator (EDG) maintenance and schedule operation is done.
* Thermo-graphy, CSA, DIAGONSTIC testing of the HT panels and motor being done.
* 40 days shutdown after 2 years being taken in which 2 Transformers (2MVA) erection, commissioning, testing being done for the new ESS project.
* Shutdown planning, vendor selection discussion scope of work and execution being done.
* During Shutdown Maintenance of two 3.3kv Switchgear, 6 no. of Transformers, 4PCCs and 6 MCCs being done.
* Worked in the numerical relays of Siemens/ABB/SEL/Schneider.
* For the new project (ESS) about 20 new motors (from 3.7kw to 125kw) commissioning done during shutdown.
* Lift main, governor, sheave rope and limit switches being changed during annual shutdown.
* Following the activities involved in 5S.
* WCM practices are followed.

**JAYPEE Group from 22nd Nov 2008 to 28th Nov 2012**

* Involved in commissioning of 4500 TPD Kiln cement plant (kruppPolysius-TKIL) at Dalla Cement Factory.
* Involved in commissioning of HT Motors of Raw Mill Drive 3600KW, Raw Mill Fan 3600 KW,Preheater Fan and Bag House Fan each of 3300KW.
* Involved in commissioning of Material Transport Circuit.
* Involved in commissioning of Cement Mill at Chunar Cement Factory.

#### Involved in commissioning of 132 kv Switchyard at Chunar Cement Factory.

* 132 kv switchyard with 50/25/20 MVA Transformers.
* 132 kv Sf6 Breakers, 11kv& 6.6kv Vcb Breakers and HT panels.
* Involved in commissioning of Mcc,Pcc and LT Drives.
* Integrated Load Management System Panel commissioned.
* Worked in Relays of Micom P-341, P-111, P-632, P-120, and P-921.
* Worked in Relays of ABB Spam 150C and 140C.
* Involved in modification of 132kv Switchyard.
* Involved in modification of Cement Mill.
* Monthly Energy Billing & Energy through Open Access.
* Online Power Export Scheduling and Billing.
* Spare parts planning/material management
* Shut down planning.
* Manpower planning/management.
* Team member of Quality Circle of Cement Mill Section.

**PRESENT STATUS**

I am presently looking at the Maintenance of **Tank farm, Road Gantry, Flare, Cross country Pipe line, ECTS Plant and Utilities.**

**Designation**- Senior Executive.

**EDIFICATION**



*Professional:*

**B.Tech. (Electrical Engineering)** in **2008**; secured 71.72%

Kamla Nehru Institute of Technology, Sultanpur UP (Government College)

*Academic:*

**10+2** secured 78.2%

St. Anthony Senior Secondary School, FatehgarhFarrukhabad UP

**10th** secured 79.8%

St. Anthony Senior Secondary School, Fatehgarh Farrukhabad UP

*Area of Interest:*

Single and Three Phase Induction Motor

Control System, Transformer

**INDUSTRIAL TRAINING**



* One Month Training at NTPC Tanda- a thermal power plant.
* Have completed two weeks In-Plant training at Jaypee Rewa Cement Plant.
* Power Export/Import Training of 2 Days in UPPCL Lucknow.
* One week training on Electrical Control System in Bhel Bangalore.

**ACHIEVEMENTS**



* Secured 1st position in “APTITUDE” Test Organized by Electrum.
* Got Merit scholarship in B.Tech 2nd year.
* 2nd position in Intermediate in District.
* 3rd position in High School in the District.
* 2nd Prize for Best Kaizan at IGF Jagdishpur.
* 3rd position for modification done in Cement Mill at JP Chunar.

**CO-CURRICULA’S**



* Worked in the capacity of **organizer** in LTEE-06, a National Level Workshop organized by department of Electrical Engineering KNIT
* Worked in the capacity of **organizer** in the **National Conference** on “Technical Challenges in Power System.
* Worked in the **Literacy Camp** at the school level for the poor children and prisoner.

**PERSONAL VITAE**



**Date of Birth : 30thAugust 1984**

**Permanent Address : 1/40, Civil Lines Fatehgarh Farrukhabad U.P-209601**

**Gender : Male**

**Marital Status : Married**

**Language Known : Hindi, English**

**Current Job Location: Dahej Bharuch Gujarat**

**Current Ctc : 11.81 Lacs per annum**

**Expected Ctc : Negotiable**

I do hereby undertake to declare that the above information is correct to the best of my knowledge and belief.

**- Abhay Rathore**