**C&I COMMISSIONING MAITEANCE ENGINEER**

**ABHISHEK K SINGH** email_mail_post_letter_stamp singhabhishek396@gmail.com

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TV Tower Road ,Raigarh ,C.G

**CAREER OBJECTIVE :**

Highly motivated and goal oriented professional seeking an opportunity to contribute abilities and knowledge for personal as well as professional growth.

**SUMMARY OF SKILLS : Total 11 Year Experience in Commissioning , Project & Maintanence .**

* Commissioning ,Repairing &maintenance of C&I Packages in **Boiler,STG& DCS**.( Valves , instruments , sensors, Analyzers , PLC and DCS systems).
* Skilled in planning the preventive and breakdown maintenance schedules .
* Proficient in identifying areas of obstruction / defects and conducting service and repair to rectify the equipments through the application of troubleshooting tools.
* Automation through PLC and DCS ,Fieldbus,Modbus and OPC(PLC to DCS) communication.
* Follow the Proper & Modified Technical Drawing for installation work.
* Review of all P&IDdrawings & documents, Supervision and inspection of field works.
* Review and modification of sequence logic ,control loop diagram .
* Skilled to read Engineering Drawings, Loop Diagrams, P&ID Drawing, Logic Diagram .
* Creating & executing of new Design in accordance with the Dynamic Requirement of the Project.
* Execution of Creative Benchmark, Planning & scheduling of the Instrumentation work activities in Site to achieve the target completion, most efficient output of Boiler Work.
* To ensure that the instruments are installed in accordance with the design specification & requirements.

**PRESENT EXPERIENCE :**

**Company Name : Doosan Power System IndiaPvt.Ltd**



**Working place :2X 800 MW NTPC Lara ,Raigarh**

**Designation : Assistant Manager.**

**Duration : From 08-04-2016 to till Date.**

**PREVIOUS EXPERIENCE :**

**1.**

**Company Name : Doosan Power System IndiaPvt.Ltd**



**Working place : 2X685 MW GMR Power,Raipur.**

**Designation :Sr.Commissioning Engineer.**

**Duration : From 04-04-2014 to 30-01-2016.**

**2.**

**Company Name :Heavy Engineering Corporation limited**

**Ranchi for CHP Project .**

**Working place :** NCL ,Krishanshila project **( CHP ).**

**Designation : Assistant Manager**- Electronics

**Duration : From 17-07-2013 to 31-03-2014**

**3.**

**Company Name :Doosan Heavy Industries & Construction Co. Ltd**



**Designation : C&I-Commissioning Engineer(Boiler).**

**Work place :3X660MW STPP , NTPC ,Bilaspur..**

**Duration : From 22-08-2010 to 13-07-2013.**

**4.**

**Company Name : Josts Engineering company Ltd**

**Designation : Engineer Project & Service**

**Duration : From August 2009 to August 2010.**

**JOB PROFILE: ( Current ,Previous Employer 1 & Previous Employer 3 )**

* **Commissioing of Turbile Auxilary viz..BOP ,LOP,SOP ,HPU System & respective operation of these system with Turbine Mark VI**
* Commissioning and Calibration **Hydralic Operated Valves and Hydralic Power system (HP ByPass Valve,LPByPassValve,WR & ZR Valves ,MSV, Main Steam & Reheat Control Valve) .**
* Commissioning and Calibration of **gravimetric Coal feeder(Stock),**
* Commissioning of **Boiler Burner System (Oil gun and ignitor, flame Scanner (Forney) )**
* Commissioning ,Repairing & maintenanceof MOV (**auma germany & auma india , Rotork).**
* Commissioning and Repairing **of Control Valves**(WEIR)with **ABB.Siemens,YTC positioner, Dampers & Power cylinder**.
* Calibration, testing and installation of **Bently nevada vibration sensors in TURBINE, ID, FD, MILL,BFP** Area.(proximity,velometer,accelrometer)
* Calibration and maintenance of **EMERSON O2 analyzer, CODEL CO analyzer,Dust analyzer**.
* Calibration, Commissioning and maintenance of smart transmitter like **pressure, level, flow ,temperature (Rosemount, foxboro,Yokogawa,Siemens,ABB), Ultrasonic level transmitter.**
* Temperature Element (**Thermocouple & RTD with Thermowell), Digital Flow Meter** , HDLS.
* Calibration & Commissioning of **FTMS Furnace temprature monitoring system(Acoustic pyrometer**).
* Commissioning of solenoid valves, Pneumatic Type Valve & Gates,Control valve Positioner .
* level Switch float type, ultrasonic,magnetic, capacitive type.
* Calibration, Installation, and maintenance of Switches like pressure, level, temperature etc.
* Instalation and Calibration of Pressure Indicator, Pressure Switch, Pressure Transmitter, Diff. Pressure Transmitter , Flow Transmitter, Temperature Transmitter, Temperature Element (RTD and Thermocouple), Digital Flow Meter.
* Instruments erection, preparing cable schedule, cabling from field Instrument to field JB & JB to PLC or DCS loop checking, ferruling, cable termination etc. Local Control Panels erection, Testing and Commissioning for system wise.
* Troubleshooting on Soot blower control panel.

**JOB PROFILE: ( Previous Employer 2)**

**Assistant Manager Project ( Electronics )**

I have worked on Northern Coalfields limited [NCL] ,Krishanshila project ( coal handling plant ) . In this package my main scope involves

* Preparing Basic Engineering (PLC Input/output ,HT & LT Power cable calculation, control cable schedule , transformer sizing calculation , capacitor sizing calculation) & Detail Engineering Drawings (cable & cable tray layout , earthing & lightening layoutetc ) in Auto Cad.
* Co-ordination for approval of drawings with our Consultant M/s CMPDIL (Central Mine Planning & Design Institute Limited) & customer NCL
* Preparing Technical specifications for items (Transformer, power & control cable , HT & LT Motor , PLC , condition monitoring system, LSIS , CONTROL DESK , Bunker & Crusher bin level indicator , safety switches.etc ) used in our project as per contract agreement signed between HECL & NCL .
* Making evaluation and comparative statements for offers given by approved vendors
* Preparing final technical part of purchase order for bought out items.
* Verifying the vendor drawings (Apron feeder , belt feeder , Mobile Tripper ,Plough feeder , Rapid Loading system , Metal detector ,Inline magnetic separatoretc) and submit for approval to CMPDIL.
* Going to inspection at Customer works shop to inspect the equipment as per our technical requirement before dispatch.
* Inspection at site in front of client [NCL] before erection..

**JOB PROFILE: ( Previous Employer 4 )**

**Installation/ Commissioning/ Projects**

* Reporting to all India Project & Service Head in Head Office.
* **Generate Service revenue of 60 LPA** by AMCs, Spare Parts Business .
* Handle Man Power during the Installation & Commissioning of the systems.
* **Training** to the customer/ Engineers about our Project, Machinery & Systems.
* Commissioning & Maintenance of Heat & Combustion,Oil & Gas Systems(Honeywell)
* Travelling temp. recorder Data Loggers **(FLUKE, Datapaq)**
* Electrical & Pneumatic Valves, P&ID Diagrams, Electrical Diagrams
* Combustion Management System- MAXON (Honeywell).
* Flow Measurement/ Survey & Control (GE-Sensing Instruments)**,** Capital Machinery
* **Gas Leak Detection** (ISC OLDHAM), Temperature Controls (Honeywell Automation).

**ACADEMIC DETAILS :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Educaion** | **Board/University** | **Institution** | **Year** | **% Of Marks** |
| **B.Tech (E &I)** | UPTU ,Lucknow | BIT ,Muzzafarnagar ,UP | 2009 | **62%** |
| **H.S.C(+2)** | STATE BOARD | BSEB, Patna | 1999 | **52%** |
| **S.S.C (10th)** | STATE BOARD | BICB, Patna | 1997 | **58 %** |

**PERSONAL DETAILS :**

### Fathers Name : Sri Omprakash singh

### Permanent Address : Vill. Ahiroli rai

### Post :- Ahiroli Bazar

### P.S : Kasya

### Kushinagar -274305

### Date of Birth : 01.04.1982

### Marital Status : married.

Languages known : English ,Hindi ,Bhojpuri.

Nationality : Indian

Alternate email address : singh\_abhi82@yahoo.co.in.

**DECLARATION :**

I hereby declare that the above furnished information is true to the best of my knowledge and belief.

**Date :**Sincerely,

**Place:**

Abhishek K Singh