**TARUN TYAGI**

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| **C:\Documents and Settings\tarun\Desktop\1146 Tarun Tyagi.JPG** | **Present Address: vill -sihani (opp to movie world multiplex )Meerut road Ghaziabad**  **Email-id:** [**taruntyagi1982@gmail.com**](mailto:taruntyagi1982@gmail.com)  **Mobile:,9958480498, 7060303618** |

**~ ASSISTANT MANAGER (ELECTRICAL & INSTRUMENTATION) ~**

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| **Core Strengths**  **Project Management(Automation**  **+electrical )**  Presentation Skills  Planning and Execution  Liaison with Govt. Authority  Team Building  ERP ,Ts 16494,*TPM, TQM, 5S*  Budgeting & Capex  **Hydraulic and Pneumatic trouble shooting**  **VNC & HMC troubleshooting**  **EOT crane ,CNC Machine** |

**Executive Digest**

* + **Nearly 10.5 Years of Experience,** out of which 6.5 **years** Experience in **Electrical & Instrumentation Maintenance** and **4 years** Experience in **COMMSSIONING PROJECT**
  + Currently associated with **M**/**S Shree cement** **Ltd** as **ASSISTANT MANAGER IN Electrical & instrumentation** in Maintenance Department.
  + Various plc such as **Siemens PCS7** **S7 300,400,200**,**1200** ,**S5 Cpu100,105,103** ,**Mitsubishi Fx,Qseries operation** **software** and **commissioning knowledge**
* Programing & troubleshooting of **DRIVES** (AC &DC ) as well as modification as per requirement.
* **Hydraulic circuit reading and troubleshooting of Parker, and pneumatic circuit trouble shoot**
* **Siemens 6ra70**,**G120,micromaster440**,**vector control ,simotion ,Rockwell drives**
* **knowledge of calibration with Hart & maintenance such instrument just as Lvdt, Dpt, Thermocouple,Rtd ,PressureTransmitter,Flow Meter, Load cell, Conductivity meter, Liner Scale ,Temperature Transmitter, PID ,sensor**

**Experience Chronology**

**Since Mar15 with SHREE CEMENTS LTD AS A, PROJECT ASSISTANT MANAGER of E&I department**

* **Complete planning for PROJECT Activities related to Electrical& instrumentation Department.**
* **Complete work handling of electrical instrumentation project work or installation work, such as selection of MCC, PCC,Transformer GENERATOR, APFC, with German Company M/S WEHRHAHN.**
* **Handling** **Installation** & **COMMSSIONING** work off all instrument **SIEMENS300,400.200,Omron, ROCKWELLL 75CPU ,ABB ,WAGO I/O ,SEW DRIVE ,SMART MCC panel, communication between them,PROFINET,PROFIBUS,ETHERNET,CONTROLNET SEW drive ,FIELD INSTRUMENT ,BOILER E&I PART ,RFID,MID,**
* **Get a training in Germany regards automation of plant such as plc of Omron.Knoweldge Of omron Plc Software + Hmi and also have knowledge of trouble shooting with Plc ,Drive,Scada,**

**Since April’12 with biltech building elements ltd, Maintenance head of E&I department**

* Complete planning for Maintenance Activities related to Electrical& instrumentation Department.
* Planning includes development of SMP and SOP for various equipment’s related to over head crane, in House commissioning of varios **Plc** such as **k120s** Chinese plc panel for crane, cutting carriage,borwell,
* Planning for major and minor shut down including job planning, material planning and third party contracting.
* Maintenance of **ACBs** (upto 2000 amps),**VCB ,MCCs,PCCs** ,**Starter** (Dol & Star-Delta) , **motors** (upto 225 KW) and **Dg** set of 1000kva ,500kva,  **APFC** panels , **2000** kva **Transformer** .
* Maintaining the spares and critical spares record , preparing audit related documents every month Budget
* Heading **Electrical & Instrumentation** Section for palwal unit, consisting of group of 13 persons.
* Liaison with State Electricity Board to ensure smooth and trouble free Power available from Grid.
* Planning and execution of CAPEX and Project work for current year next years and to ensure timely completion of Project Work within stipulated time.
* Budget preparation and control for department and inventory management and review for Department.

**Since Aug’09 with bhushan steel ltd, as Section engineer**

* Handle The Electrical & instrumentation Breakdown Of Machines Like **CTL** **Slitter line ,Edge trimining, (Siemens,Abb), Corrogation Machine & Shear Machine.** **Continuous galvanizing,**
* Modification and development in **Rockwell Plc logic5563**&**Slc5oo**and also Software used in for ex Rs logic **5000,** **all Rsview,Rsnetwork,Rs factory view,Rslink,and power flex 700 drive ,Soft starter .**
* Handling plc of **S5** Siemens of **CPU s105,s100** and communication used in them. Plc and drive of china make **CV 1005 etc**
* Handle Electrical automation commissioning project work of **Continuous galvanizing/ galvolum line** **(C.G.L.)** of bhushan steel Ltd including Rockwell **automation+Rockwell drive+krom schonder furnace+heater drive eurotherm+skin pass mill.**
* ***COMMSSIONING OF FURNACE OF 30 TON WITH FIVE SECTION DFH,RTH,JET COOLING,SOAKING***
* knoweldge of **Tc 3000** **of eurotherm epower** **heater drive**. **Genarator,G120 simens drive,**
* Planning and execution of Planned and unplanned maintenance jobs with quality work assurance to achieve minimum down time of Equipments.
* Active member for ISO 9000, 14000, **ISO 14001, TPM, TQM, 5S** management team to successfully implement the standards.

**Significant Highlights**

* **COMMSIONING OF CASIEN PLANT IN CHANDIGARH WITH 8 REMOTE STATION COMMUNICATE WITH PROFIBUS OR INSTRUMENTE DEVICE SUCH AS FLOW METER, LVDT,LINEAR SCALE ,THERMOCOUPLE,DPT,PRESSURE TRANSMETER.**

**July’06 to Aug’09 with AEAB as Comssioning Engineer**

* **New product and services development +design**
* **Design of panel such as making drawing in Eplan,Panel making ,checking of panel,**
* **Commission at site making logic as per requirement in Plc .**
* **Making scada software as per customer requirement in wincc 6.0,7.0,6.2**
* **Communicate plc with drive ,computer, operating panel maiking logic as per requirement.**
* **Knoweldge of Profibus,Profinet,Controlnet,Ethernet ,device net and other communication used in plc drive,remote station**
* Hyadrlic and cnc machine such as grinding and turning trouble shooting in cnc machine and knoweldge of software used for it.
* **SSftware development** of SCADA(, **WinCC6.0,6.2**, Protool , **wincc flexible**).,**Modbus Ethernet, Profibus**,**PROFINET,**
* In Depth knowledge of SIEMENS PLC Systems **S7200,300,400, 802D,840D**,**S71200** which involves simple to very complicated programming in LAD, FBD, STL

**Professional Trainings**

* **Technical Training of wincc 7.0 software** conducted by **Siemens** at Mumbai
* **Technical traning of Rockwell software for operation plc &drive at Rockwell noida**

**Technical Qualification**

* **B.TECH (Electronics & communication)** From ideal institute of technology College, ghaziabad in Year **2006** securing **65%** Marks.
* **Intermediate from Central Board of Secondary Education with an aggregate percentage of 68.5% in the year 2000**
* **High School from Central Board of Secondary Education with an aggregate percentage of 60.0% in the year** **1998**

**SPECIAL PROJECT DONE With AEAB Automation Pvt Ltd(ALL ELECTRICAL+INSTRUMENTATION WORK+PROGRAMING+MAKING PANEL+ SCADA)**

* Successfully Commissioned Sponge Iron Klin Plant at Raipur (C.G.)
* Successfully Commissioned Cut-to-Length at ISCO Gandhidham (Gujarat), Bhusan Steel Chandigarh,
* successfully Commissioned Anode Caster at Birla Copper, Dahej, (Gujarat)
* **Successfully commissioned of Casein Plant at Crown Milk, Chandigarh With level 2 automation means communication one PC to another PC with OPC server.**
* Successfully commissioned of Film Line Plant at Srf Industries ltd. Kashipur (Uttarakhand)
* Successfully commissioned the programming and design of two Ro plant .