**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** |

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

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| **Core Strengths**  **Project And maintenance Management(Automation )**  Presentation Skills  Planning and Execution  Liaison with Govt. Authority  ERP ,SAP,Ts 16494,*TPM, TQM, 5S*  **Knowledge of utility boiler ,chiller ,compressor ,refrigeration, cooling tower**  **Hydraulic and Pneumatic trouble shooting**  **VNC & HMC troubleshooting**  **EOT crane ,CNC Machine**  **Knowledge of ETP,STP PLANT ,Boiler(coal fired),chiller** |

**Executive Digest**

* + **Nearly 12 Years of Experience,**  in **Electrical & Instrumentation Maintenance**
  + Various plc such as **Siemens PCS7,DCS ,S7,300,400,200**,**1200,Siemens TIA Portal,Simatic Manager** ,**S5 Cpu100,105,103** ,**Mitsubishi Fx, Q series operation** **software**
  + Knoweldge of siemens controller such as **840D,810D,802D**
* 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 controller ,sensor,Density Meter**

**Experience Chronology**

**Since Mar15 with SHREE CEMENTS LTD AS A, ASSISTANT MANAGER IN MAINTENANCE OF E&I department**

* **Handling** **Installation** & **MAINTENANCE** **work off all instrument** **SIEMENS300,400.200,Omron, ROCKWELLL 75CPU ,ABB ,WAGO I/O ,SEW MOVIDRIVE ,SMART MCC panel, communication between them,Profinet,Profibus,Ethernet,controlnet ,Field Instrument,Boiler of M/s Cethar vessel of 16 tonne RFID,MID,**
* **Get a training in Germany regards automation of plant such as plc of Siemens ,Fanuc ,Knoweldge Of Mitsubhishi and Plc Software + Hmi**
* **Hands on experience in weigh feeders (Make Schenck), Bin weighing system (Make Sartorious), Mill hydraulic & lubrication system, UPS, MCC & PLC I/O Panels, Metal Detector, Magnetic Separator, Gas Analyzers, Dust Monitor, Kiln & Cooler CCTV, Sub-Plc systems or mini PLC’s.**
* **Involved as a project team member in Erection and Commissioning activity of cement plant (up to clinkerisation), Cement grinding unit (Ball mill with roller press) & Grinding unit (Vertical Roller Mill) having various instrumentation systems.**
* **Knoweldge of safety plc such as Wieland make and his software trouble shooting, flexible cable running with energy chain.**

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

* Complete planning for Maintenance Activities related to Electrical& instrumentation Department.
* 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** ,**Compressor** of Atlas copco up to **500 CFM** ,Chiller , .
* 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 yokogawa dcs centum vp/3000** 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 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.**
* ***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,**
* 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, Siemens TIA portal**
* 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**
* **Project handled with M/s Aeab Pvt ltd.**
* 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 Film Line Plant at Srf Industries ltd. Kashipur (Uttarakhand) Ex calender , extruder , spindle , press