

RABI KANSHA BANIK

Carrier Objective: Having confidence and good subject knowledge in erection/commissioning of field equipment and managing sub agency, would like to seek and prove the position and responsibility for carrier and origination growth.

PERSONAL DETAILS

- Name : Rabi Kansha Banik
- Date of Birth : 18/05/1986
- Material Status : Married.
- Permanent Address : Vill & PO – Takagachh; Dist – Coochbehar; Pin-736180; Westbanga.
- Present Address : VPO Talamandi Sabo; Ramamandi; Peerkhana Road; Punjab.
- Email Address : rabi.banik@gmail.com
- Contact : 8900312937 / 8528646773.
- Passport details : K1217656.(Valid Till July'2022)

EDUCATION DETAILS

School /College	Examination	Board/University	Year	Class / Division
Rambhola High School	Secondary	W.B.B.S.E	2001	1st
Rambhola High School	Higher Secondary	W.B.C.H.S.E	2003	2nd
Murshidabad College of Engg. & Tech.	B.TECH	West Bengal University of Technology. Approved by AICTE	2007	1st

ADDITIONAL TRAINING

1. General Process over view of Thermal Power Plant. Duration : 30 Days
2. Process safety management (PSM) training workshop. Duration: 2 Days
3. Incident & injury free work place (IIF) training workshop. Duration: 2 Days.

TOTAL EXPERIENCE: 13.5 YEARS

TECHNICAL COMPETENCIES

DCS & SCADA OPERATION	<ul style="list-style-type: none">• Conversant in DCS (YOKOGAWA Centum. VP, Honeywell Experian & MAX DNA DCS system) for Commissioning, Start-up, shutdown and normal operation of plant UTILITY section (WATER TREATMENT PLANT, REVERSE OSMOSIS (RO), MIXED BED, CONDENSATE TREATMENT UNIT).• Field equipment like Actuator, positioner checking and troubleshooting.• Checking long-term and short term trend, alarms, sequence operation in 'AUTO'/'MAN' mode, monitoring process parameter and troubleshooting.• KNOWLEDGE OF READING AND INTERPRETING P&ID AND PFD.
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WATER TREATMENT	<ul style="list-style-type: none"> • Pre- commissioning / Commissioning, Operation control and troubleshooting, Start-up / Shut down of Water Treatment Plant. • In Refinery RODM Plant (Mixed bed unit) of 850 m3/hr capacity (Including RWTP plant of 5400 m3/hr.) High efficiency Reverse Osmosis unit (HERO), operation & cleaning, Condensate polishing unit (CPU) of 225 m3/hr.) Dual Media Filter (DMF), Gravity Sand filters, Clarifiers, Activated Carbon Filter (ACF), Hardness Removal Unit (HRU), Cartridge Filter (CF), Ultra filtration, Reverse Osmosis (RO) (1000 m3/hr.) <i>Operation and Cleaning.</i> • Chlorine Gas dosing system operation & handling. • Chemical dosing rate control as per requirement. Sampling of product in daily basis to meet the dept. target. Taking action against any abnormalities of water treatment plant. • Handle Potable / Utility Water system throughout the plant. SAFETY TREATMENT of WTP equipment. Output water(BW) quality < 1µS/cm.
Erection & Commissioning of UREA & DCU & Power Plant	<ul style="list-style-type: none"> • Erection of Field Instrument equipment of UREA (3850 TPD) unit – M/s Matix Fertilizer & Chemical , Durgapur Westbengal • Erection of Field Instrument equipment of 655 MW CCPP (135MW*3 GT and 250 MW STG) , Gujrat Paguthan Energy Corporation
HSE & PROCESS SAFETY MANAGEMENT:	<ul style="list-style-type: none"> ▪ Implementing of PSM(Process Safety Management) system at HMEL, in Water block unit GGS Refinery Bathinda with lead person of following element :- ▪ SOP (Standard operation procedure). ▪ MOC (Management of Change). ▪ II (Incident Investigation) ▪ PSSR (Pre-start up Safety Review) ▪ PHA (Process Hazard Analysis). ▪ Nominated as IIF (Incident and Injury Free) Supervisor Skill workshop trainer from JMJ (Australia) and implementing IIF workplace at HMEL, GGS Bathinda. ▪ IIF Area Action team Leader for WB, Utilities at HMEL refinery.

1 SUEZ INDIA PVT LTD

PROJECT: HPCL MITTAL ENERGY LTD. RAMSARA,PUNJAB

DESIGNATION : ASSTT MANAGER

[FROM JAN'2018 TO TILL DATE]

- Operation and control of all **UTILITY** area like, **WTP, WWT** . Handling start up and shut down of plant Utility from **DCS/PLC & Field.**
- Dealing with **OEM vendors** for operation & maintenance activities
- **Troubleshoot & resolved** process related issues.
- Take active part during **PLANT EMERGENCY.**
- **SOP** (Standard Operating Procedure) preparation regarding daily operation & implementation.
- Process quality control & **Chemical optimization.**
- **INTERLOCKING VERIFICATION** from PLC.
- Experience in day to day **SAP activity** i.e. Notification generation, chemical posting/tracking etc.
- Spearheading efforts across handling entire spectrum of functions pertaining to plant operation as well as supervisory and **SAFETY TREATMENT** of equipment & various type troubles shooting.
- Performing Authority to signing Work Permit Sheet (**WPS**), Work Commencement Sheet (**WCS**) daily basis.

- Carrying out Safety Lock sheet preparation as per requirement, Use Lock-out Tag-out (**LOTO**) during Safety Lock, Conducting **Job Safety Analysis (JSA)** and on site **Tool Box Meeting (TBM)**.
- Preparation of **regeneration checklists**, totalizer reports, **chemical consumption reports**, **de-contamination procedures**, job history cards, **start-up & shutdown procedures**.
- Trained & working as a member of first line **fire fighter** for different utility units.
- Take active part in Process Safety Management (**PSM**) & working as a lead person in Process Safety Information (**PSI**), Management of Change (MOC) & Pre-startup safety Review (PSSR).
- Participated in HSE committee Monthly meeting as a Shift Leader.
- **Sampling of product** in daily basics to meet the dept. target. Taking action against any abnormalities.
- Involve in Planning, scheduling & allotting the work force for breakdown Machineries to reduce the breakdown time with a goal of **ZERO downtime** of equipment.
- Conducted **Training program** with newly joined operator **and Equipment studies** for various **Utility area & equipment**.
- Daily energy data reports, Job status report, **Job Handover report**, equipment status/down time reports also **SOP** preparation.

2. VATECH WABAG LTD

PROJECT: HPCL MITTAL ENERGY LTD. RAMSARA,PUNJAB

DESIGNATION : RESIDENT ENGG

[FROM JUNE'2014 TO JAN'2018]

Site Engineer –in-Charge

- Planning / Execution and initialization indent (in SAP) for free Issue Material.
- Prepare the rate analysis and work order for deputation of sub agency manpower.
- Prepare proper documentation for liaison with Procurement for vendor analysis while acquiring new material or equipment.
- Monitor inventory records, consumption patterns to plan for procurement of spares and items.
- Execute tasks pertaining to day to day maintenance (Breakdown Maintenance and Preventive Maintenance) as well as Shut Down Maintenance for smooth and stable operation of the plant.
- Sub Agency Manpower mobilization of contractor as per work requirement.
- Updated the quality of work by providing the training of Sub Agency Manpower.
- Updated the status of Daily equipment and Daily Progress Report.
- Prepare the JSA (Job Safety Analysis) and Risk assessment.
- Prepare and maintain the calibration schedule of field instrument.
- Co-ordination with Client, Vendor and inter department for job clearance.
- Inspection of incoming material at ware house along with all required certification.
- Prepare all relevant documentation such as Technical Specifications Sheet, Standard Operating Procedure documents.
- Monitor and maintain safe working practices by team.
- Prepare standard maintenance procedure of equipments and provide training to team members.
- Prepared the Investigation report,RCA,update the History card in SAP.
- Maintaining and up keeping of Quality management system.
- PSM dept certified Internal PSM auditor.

2. ESSAR PROJECTS INDIA LTD

PROJECT: MATIX FERTILIZERS & CHEMICALS LTD. DURGAPUR, WESTBENGAL

DESIGNATION : ASST. MANAGER

[FROM SEP'2011 TO JUNE'2014]

- Site Engineer –in-Charge - Urea Plant
- Planning / Execution and initialization indent for free Issue Material
- Sub Agency Manpower mobilization of contractor as per work front availability
- Supervision of erection commissioning of field Instrument including Control room system panel with interconnecting of panels.

- Review of IFC Drawing and MTO's and take necessary action for technical deviation and procurement action for short falls of material
- Co-ordination with Client, Consultants and interdeptment for Mech/Piping clearance.
- Supervision of Field Instrument Calibration as per data, making necessary formats.
- Departmental Budget estimation /rate analysis for erection activities for engaging subcontractor.
- Inspection of incoming material at ware house along with all required certification.
- Maintaining and up keeping of Quality management system for ISO
- Responsible for instrumentation department Auditee for ISO Audit.

DEPUTATION : ESSAR OIL REFINERY PROJECT AT VADINAR,JAMNAGAR,GUJARAT

- Supervision of erection and pre-commissioning of field instrumentation at DCU Plant .
- Review of P&ID, Instrument /JB's and plant battery limit branch tray, cable and tub routing .
- Supervising of testing of various types of valves.
- Planning the sequence of activity and issue of instrument and free issue material to sub contractor
- Involved in pre-commission of field instrument along with DCS system for hot loop checking and handing over the system to client.

3. M/s. UNISON AUTOMATION TECHNOLOGIES PVT. LTD. AMC DIVISION FOR POWER PLANT COMPLETE AUTOMATION INCLUDING DCS. DESIGNATION : SR. ENGR (INSTRU) [FROM JAN'2009 TO SEP'2011]

- A. Modification, Troubleshooting of SIEMENS make DCS system (Telephrm ME Plus) in “ **Durgapur Projects Limited**” (700 MW Coal Based Thermal Power Plant) Checking and testing of various interlocks of Boiler and Turbine of SIEMENS based DCS TELEPHRM ME plus, Troubleshoot the system if any abnormalities found in AS either OS, To maintain maximum operational availability of automation System, To implement logic modification for the improvement of plant operation, Downtime and Break time analysis, also finding and implementing the solutions to overcome them, Optimum maintenance to store and spares material, Co-ordinate with C&I and operation department.
- B. “Gujarat Paguthan Energy Corporation Ltd”. (655 MW Combined Cycle Dual Fuel Power Station) under “Unison Automation Technologies Pvt. Ltd” Maintenance of Rosemount,Honeywell,Siemens Smart Pressure, dp transmitters, level transmitters, INDFOS & Honeywell make Pressure switch,dp switch, ARGUS Actuator, Siemens make SIPOS Actuator, E & H make pH, conductivity transmitter, HACH make Chlorine, Silicon Analyzer , Dragger Germany gas leak detection system, CEMS - Siemens supplies System. Used to measure the content of CO₂, CO, SO₂, NO_x and O₂ in GT Exhaust flue gas etc.

Site Deputation for Periodic checks of Automation

- a. Mejia Thermal Power Station,Westbengal (210 MW Coal Based Thermal Power Plant)
- b. Meghalaya Power Ltd., Assam (43 MW Thermal Power Plant).
- c. Tata Power Ltd. , Jamshedpur (66 x 2 MW Coal Based Thermal Power Plant).

4. M/s. RUPA ELECTRIC SYSTEMS PVT LTD ERECTION AND COMMISSIONING JOB FOR HONEYWELL SYSTEMS HOUSE DESIGNATION : ENGINEER - INSTRU. [FROM SEP'2007 TO DEC'2008]

- A. M/s Divine Alloy & Power Co.Ltd :** Erection & Commissioning of mini metallurgical plant (25 m3), having Temperature, Pressure, Flow, Level, Sensors with process indicators and this interface with PLC & SCADA.
- B. M/s. Tata Steel Ltd. (R&D Division) :** Erection and Commissioning of Temperature, Flow, Pressure, Sensors with Process Indicator for Waste heat recovery project in LD#2.
- C. M/s Ma Chinna Mastika Sponge & Iron Ltd. :** Erection & Commissioning of mini metallurgical plant (40m3), having Temperature, Pressure, Flow, Level, Sensors with process indicators and this interface with PLC & SCADA.
- D. M/s Shah Sponge & Power Ltd. :** Erection & Commissioning of mini metallurgical plant (25m3), having Temperature, Pressure, Flow, Level, Sensors with process indicators and this interface with PLC & SCADA.
- E. Uranium Corporation of India Ltd. (Turamdih-Mines) :** Erection of Pressure transmitter, Ultrasonic level transmitter, Density Transmitter , Pressure gauge etc.

COMPUTER SKILL

Operating System : DOS, WINDOWS.

Packages : MS-Office,SAP,Webtop, Maximo

STRENGTH

- Result oriented
- Erection agency manpower managerial skill.
- Subordinates training and development

Declaration

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

Date :

Place :

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RABI KANSHA BANIK