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| **gkg** | **GAURAV KUMAR GUPTA**  **Padri Bazar Gorakhpur-273014**  **Permanent- +919106605597 / +917839225253**  Email: [**engg.gauravkumargupta@rediffmail.com**](mailto:engg.gauravkumargupta@rediffmail.com)  **Skype Id: engg.gauravkumargupta** |

**Instrumentation & Control Engineering**

***Goal-oriented professional offering expertise that directly results in efficiency improvement & cost savings***

***Preferred Industry: Oil & Gas / Chemical / Petrochemical***

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| **CORE COMPETENCIES**  **Instrumentation & Control**  **F&G System**  **Installation & Commissioning**  **Process Enhancement**  **Operations & Maintenance**  **Troubleshooting**  **Quality Management**  **Safety Management**  **Liaison & Coordination**  **Team Building** | **PROFILE SUMMARY**   * A competent professional with over 11 years of experience in managing instrumentation & control engineering activities involving resource planning, in-process inspection and coordination with internal/ external departments * Experience in **installation, erection & commissioning activities thereby ensuring completion of projects within the time and cost frames** and effective resource allocation in order to maximize outputs * In-depth understanding of various types of instrument drawings P&ID, Location Lay out drawing, hook up drawings and PLC; knowledge of PLC and DCS systems configuration & maintenance * Technical Expertise in monitoring control loops such as open loop, close loop, cascade loop, split range and ratio control; proficiency in using HART 375, 475 communicator and filed bus instruments * Exhibits a firm approach to sustain & encourage safe work environments, with capabilities to streamline operations, applying continuous * communication skills improvement principles to increase process & maintenance efficiency * A focused & dedicated professional with strong analytical, negotiation and * Working in Central shift for common for all units (SRU,Hydrogen unit, Gasification complex, AGR plant in refinery). |



**ORGANIZATIONAL EXPERIENCE**

**Jun’2017- Till Date Reliance Industries Limited- Jamnagar- as an Instrument Maintenance Manager.**

**Jun’2013- Jun’2017 Mott Macdonald Pvt Ltd. (BPCl/HPCL Site)- as a Lead instrument Engineer.**

**Mar’2012-Jun’2013 ABB Limited – Rourkela steel Plant - as Instrument Engineer.**

**Feb’2009-Mar’2012 Guru Govind Singh Refinery Bathinda–as Instrument Engineer.**

**Feb’2008-Feb’2009 Icon Controls Pvt Ltd. DELHI as Instrument Engineer.**

**Key Result Areas:**

* Planning, Monitoring and controlling Maintenance costs.
* Extensive knowledge in sorting out required spare parts and preparing justifications and cost estimations and forwarding to management approval for procurement.
* Motor control trial checking done for HT, LT & VFD motors. And simultaneously logic checking done through DCS by comparing with instrumentation & electrical interfacing drawing.
* **Propylene compressor** Pre-Commissioning/Commissioning done.
* Lube oil pump logic checking & Motor purging sequence.
* Compressor start permissive & tripping conditions checking.
* **Bently vibration probes** (Contact & displacement type) installation & linearity checking done through portable vibration calibrator & micro meter.
* **Instruments configuration done for both conventional & foundation field bus type. Validation procedure done for all** foundation field bus instruments through FBT-6.
* Hot loop checking for all instruments through scandura multifunction calibrator, TK-3e (Bently Nevada), Universal calibrator etc.
* **MCMS (Machine conditioner monitoring system-3500)** instruments trouble shooting like vibrations (displacement type & contact type), Axial, Keyphaser & Temperatures etc.
* **Cause effect & closed loop system checking done for Propylene compressor**, **HT & LT motors from field to DCS & PLC through controller.**
* Commissioning & trouble shooting the control valves **like FISHER, MASOLIAN Positioner & (PENTAIR& BIFFI) actuators** etc.
* Administered overall activities pertaining to installation and commissioned of a wide range of state of art technology PLC systems and other process plants on control systems
* Prepared maintenance schedules, conducting regular calibrations to ensure performance capacity of various process control equipment
* All Flue gas path Damper’s commissioning. Maintenance & calibration of Burner tilt, SADC & hydro coupling scoop (BFP) etc.

**Highlights:**

* **SAP** inventory system & Preventive maintenance system
* Worked as Instrumentation Shift In-charge of plant and successfully achieved a higher availability along with productivity of equipment by**100**%.
* Expert in trouble shooting for Fisher, Masoneilan Positioners and Control valves.
* Worked on SIEMENS **PLC S7 400H.**
* **Invensys DCS** EVO –Foxboro.
* **Bently Nevada-3500 series**.
* Partial stoke Test for Process valves.
* **Triconex system** for Emergency shutdown system( SIL-3)
* Triple module Redundancy system **(TMR).**
* **CCC system ( Compressor control corporation) for motor & turbine driven compressor’s**

**ACADEMIC QUALIFICATIONS**

* B.Tech. from RCERT College, Jaipur in 2008
* 12th from BBIC Inter College, Deoria in 2003
* 10th from H.E High School, Deoria in 1998

**KNOWLEDGE PURVIEW (INSTRUMENTS)**

* Propylene compressor Commissioning & maintenance work.
* Calibrating & maintenance of **Siemens, Fisher &** **MASOLIAN( Smart petitioner’s)**
* Compressor start permissive & tripping conditions checking.

**TRAININGS**

* In house training on MCMS by GE Bentley Nevada

**PROJECTS HANDLED**

* Acid Gas Removal Unit: Pre-Commissioning, Commissioning, Start up, Maintenance Activities.
* CO shift : Pre-Commissioning, Commissioning, Start up, Maintenance Activities.
* Low Temperature Heat Recovery :Pre-Commissioning, Commissioning, Start up, Maintenance Activities.
* Analyser System(ABB)

**REFERENCE**

* Polly Setty Mob-8128687088
* Rajesh Gupta General Manager- HPCl- +919711008407
* Vibhor Srivastava- Manager- HMEL- +919988885605

**PERSONAL DETAILS**

**Name : Gaurav Kumar Gupta**

**Father’s Name : Mr. Ram Janm Gupta**

**Date of Birth : 01st January 1985.**

**Marital Status : Married.**

**Languages Known : English, and Hindi.**

**Passport No : S0751134**

**Interests/Hobbies : Reading Books, playing football, cricket.**

**Current Position : Manager in instrumentation department**

**Notice Period : 1 month.**

**DECLERATION**

I hereby declare that the above-furnished details are true to the best of my knowledge.

**Gaurav Kumar Gupta**