**P.RAGHUL** 

**Mobile:**  +91-9600129398 ~ **E-Mail:** raghulcpt@gmail.com

***An achievement oriented individual aiming for assignments in Business Operations.***

**PROFILE SUMMARY**

**A dynamic professional with nearly 5 years of experience in:**

***Installation and Commissioning Maintenance Operations Instrumentation & Control***

***Liaison & Coordination***

* Proficiency in handling the operations & maintenance of various equipment for reducing downtime and enhancing operational effectiveness
* Uses personal credibility to influence outcomes beyond own business & functional area
* Skilled in conceptualizing and executing various operations pertaining to maintenance, modification and up-keeping of various utilities
* Delivered a dynamic breakthrough in planning and executing maintenance operations with a flair for adopting modern methodologies complying with quality standards
* An effective communicator with excellent planning and leadership skills

**CORE COMPETENCIES**

**Maintenance Operations:**

* Planning and effectuate predictive & preventive maintenance schedules for various equipment to increase machine uptime and reliability
* Identifying areas of bottlenecks/ breakdown and taking steps to rectify the same through troubleshooting tools like Root Cause Analysis

**Installation & Commissioning:**

* Anchoring installation activities to ensure completion of work within the time & cost parameters and effectively utilizing the resource to maximize the output
* Performing commissioning work of equipment, modifications and major repairs to improve efficiency by fault-finding

**Field Instruments Handled:**

* Differential Pressure, Pressure Transmitters and Level Transmitters *(****Rosemount, Yokogawa and Honeywell****)*
* Temperature Measuring Elements, Temperature Transmitters (T/C, RTD and Temperature Gauge)
* Flow meters like Mass and Magnetic flow meters *(****Rosemount, Yokogawa and Endress+Hauser****)*
* Regulating and On-Off Control Valves *(****Masoneilan and Endress+Hauser****)*
* I/P converters(***Masoneilan and Rosemount***)
* Control Panel indicators and Trend recorders *(****Yokogawa and Honeywell****)*
* Ambient Analyser for PM2.5, PM10, SOx, NOx, CO and Benzene *(****Teledyne****)*
* Stack Analyser for PM2.5, SOx, Nox, CO and H2O *(****Sick****)*
* Effluent Water Quality Analyser for TDS, pH and TSS *(****Forbes Marshall****)*
* Flow elements like Orifice and Venturi.

**Protocols and Calibrators Handled:**

* ***Emerson-*** HART 475 Field Communicator
* ***Yokogawa-*** Multifunction Calibrator CA150
* Temperature Bath for Calibrating T/C, RTD and Temperature Gauge.
* ***Yokogawa-*** Digital Manometer MT220 for Pressure Calibration
* ***DRUCK-*** pressure calibrator DPI 620-IS

**EDUCATION**

2014 B.E (Electronics and Instrumentation Engineering) from Jaya Engineering college, Anna University with 6.59 CGPA.

2011 Diploma (Electronics and communication engineering) from Central Polytechnic college , scored with 78.75%

2008 SSLC from Manali Govt Higher Secondary School , State Board scored with 90% .

**KEY RESULT AREAS**

* Involved in TQM activities and Preparing SOPs, Manuals & Work Instructions for production operations and maintaining reports for facilitating decision making by management.
* Carrying out installation, troubleshooting & calibration of final control elements and their accessories in compliance to hook-up & loop drawings
* Performing the Simulation Test (loop check) for ascertaining proper functioning of entire instrument in a loop
* Overseeing execution of preventive maintenance, Calibration of Field Instruments, including schedules / shutdown maintenance to ensure trouble free and seamless operations
* Loop checking and commissioning of Boiler Analog and Digital controls like Air-Fuel ratio using PEPC, Boiler drum level, F.O flow and Temperature, Switches, Alarms and Annunciator indication.
* Up keeping, History Cards, Checklists of all instrument & equipments
* Good knowledge on reading of P&ID diagram, Instrument Loop diagram, pneumatic & Electrical Drawings.

**DCS & PLC SYSTEMS HANDLED**

* Having experience in Allen Bradley, Siemens PLCs, HMI.

**Yokogawa**

* + Worked as project assistant in upgradation , commissioning of ***Yokogawa DCS- Centum xl, Centum CS 3000 & Centum VP*** .
  + Design and development of complete DCS application software.

This includes complete DCS software like Regulatory control, Sequence Control, sequence tables, logic charts, calcu debug and Graphics.

* Good Knowledge in Migration Jobs Centum-XL or Centum-V to CS3000 or Centum VP.
* Migration of project from XL to VP by following standard migration procedure. Usage of local tool and ENG tool to achieve error free result

**Emerson**

* + Having maintenance experience in ***EMERSON DCS - Delta V*** .
  + Water Treatment Plant's process control sequence's improvement Project,
  + Function Testing, Device net's communication issue's project.
  + Instrumentation loop Check, new instrumentation device's commissioning,
  + Plants operation's DCS support, software logic configuration, graphic changes, process control loop tuning, trouble-shooting, and MOC changes.

**IT SKILLS**

* Conversant with:
* OS: WINDOWS and LINUX platforms
* Language: C Basic Coding
* Application: MS Office
* Programming Tools: RsLogix, KGLsoft, WPLsoft
* Design software: AutoCAD and Proteus

**ORGANISATIONAL EXPERIENCE**

* **Since Dec’18 to till date Paramount limited , manali-chennai as Instrument Incharge**
* **Oct’16 to Nov’ 8 TamilNadu Petroproducts Ltd, Manali - Chennai as Instrument Engineer**
* **June 14’ to june’15 Cetex petrochemicals limited, manali - Chennai as Instrument supervisor**

**PERSONAL DETAILS**

Date of Birth: 2nd July 1992

Address: No. 80, thiruvalluvar street ,manali , Chennai-600063.

State of Domicile: Tamil Nadu, India.

Languages Known: English and Tamil, Hindi

**Notice period: Immediate**