

CURRICULUM VITAE

MANIKANDAN.K

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Contact Details

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Objective

To work whole-heartedly to contribute myself for the improvement and development of the Company and Willingness to prove my Sincerity and loyalty in all aspects.

Professional Expersion;

Current Position : **Junior Engg (Maintenance- Instrumentation)**
Reporting Officer : Assistant Manager (Maintenance-Instrumentation)
Company : TamilNadu Petro products Limited, Chennai
Experience : Four plus years (From May 2011- current)

Academic Details

- Completed DICE (**Diploma in Instrumentation & Control Engg.**) in ADJ Dharmambal Polytechnic College, Nagapattinam with an aggregate of **78.25 %**. Year of Completion – April 2011.
- Completed **10th** in Valivalam deshigar higher secondary school, valivalam, with an aggregate of **70.6%**. Year of Completion – march 2007.

Field Expersion;

- Eight month of training in control & instrumentation department in **chennai petroleum Corporation Limited**(cpcl) , Chennai-68,
- Southern railway workshop at ponmalai, Trichy, Tamilnadu.

Personal Details

Father Name	:	Kannan.k
Date of Birth	:	26-09-1991
Gender	:	Male
Marital Status	:	Single
Mother Tongue	:	Tamil
Languages Known	:	English and Tamil
State	:	Tamilnadu
District	:	Nagapattinam
Nationality	:	Indian
Passport No	:	M0310223
Issue Date	:	18/07/2014
Expiry Date	:	17/07/2014

Job profile (Hands On Experience)

Knowledge Gained And Skills

- Calibrations and installation of all field instruments.
- Hydrostatic Level calculations for Closed and Open Vessels.
- Control valve service and maintenance.
- Level Transmitters (Pressure based, Ultrasonic, Guided wave Radar, Float operated) Calibration and Trouble Shooting.
- Good at Mass Flow, Magnetic Flow meter installation and Troubleshooting.
- Possess a sound experience at Using Hand Held Communication Terminals (HART 475, Yokogawa BT 200) and Device Parameters for Setup.
- Loop checking and Basic Check on Yokogawa Centum XL DCS
- Boiler Management system. From PLC Output, Sequence & Instrument Checking.
- Good at understanding P & I Diagrams, and able to draw for small Loops
- Calibration Report Preparation works for Analytical Instruments.

Roles And Responsibilities

- Carrying out Shift maintenance.
- Procuring the work permits and make sure that all the safety procedures are brought in.
- Maintenance jobs carried in plant area & Attending Preventive, breakdown, Supervision of various Scheduled maintenance and Shutdown jobs.
- Preparation of PM Schedule and Checklist.
- Preparation of Spare Instruments and Controls depends on the requirement.
- Preventive maintenance orders closing in SAP.
- Updating history of equipment's in SAP..
- Provide emergency support to all productions
- Routine Calibration of Trip Instrument

- Routine Calibration of following Instruments:-
 - Instrument Protective Function Test for Trip loop Instruments; for parameters include Level, Flow, Pressure and Temperature
 - ORP & pH Instruments.

Field Instruments Handled

- Pressure Transmitters: Yokogawa, Rosemount, Taylor.
- Mass flow meters: Rosemount (Micro Motion)
- Magnetic flow meter: Yokogawa, Krohne.
- RADAR LT: Rosemount (Tank gauge), E&H, Krohne.
- Ultrasonic LT: Siemens
- Displacer LT: Chemtrols
- Temperature Transmitter: Rosemount, Yokogawa.
- PH & ORP: Yokogawa, Rosemount.
- Control Valves: Fisher, MIL, IL, Samson.
- I to P converters: Yokogawa, Rosemount,
- Smart Positioner: Siemens
- Process Indicator and Totalizer: Masibus
- PD meters: Smith PD meters, Siemens.
- Flow and Level Switches: Switzer and Chemtrols
- Pressure and Temperature Switches: Switzer and Indfos
- Controllers: Yokogawa
- Shut off Valves: Adler, Sanders
- Rotary Actuators: EL-O-Matic
- Also Worked with Various Brands of Solenoid Valves (SOV'S), Flow meter, Pressure, Temps. Level and Limit Switches, Pressure and Temp. Gauges, Gauge Comparator, Rishi Digital Multimeter etc.
- Loop checking of motor control center and power distributors.

Communicators Handled

- HART: Rosemount 275,375 & 475.
- BRAIN Terminal 200,
- Feeder: Yokogawa (CA-71, CA-100).
- Yokogawa Digital manometer MT220.

Projects Carried Out.

- Implementation of **Allen Bradley PLC**
- Commissioning of Emersion stack SOX, NOX, on line air quality analyzer for Captive power plant (CPP).

Training Attended

- Attended training on “Field instruments” conducted by M/s TPL.
- Attended training on “First Aid” conducted by St. John ambulance.
- Attended training on “Industrial safety” conducted by M/s TPL

About Myself

I believe that self-confidence, hard work and knowledge are the most important qualities to be a successful person.

Declaration

I hereby declare that all the above given information is processed and furnished by the best of my knowledge and belief.

PLACE:

DATE:

(Manikandan.k)