

CURRICULUM VITAE

K.keerthivasan

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B.Tech (Electronics& instrumentation)

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OBJECTIVE:

Intend to build a career with leading corporate of hi-tech environment with committed and dedicated people, which will help me to explore myself fully and realize my potential willing to work as a key player in challenging & creative environment.

EXPERIENCE (13 Years)

I GOT ARAMCO APPROVED STATUS 1 (E&I QC INSPECTOR)

Previous Profile:-

Organization	NSH CORPORATION, KSA
Designation	QA/QC E&I INSPECTOR
Client	ARAMCO
Period	Jul 2018 to Aug 2020

Duties and Responsibilities:

- Experience in all phases of Construction, Material receiving, QC inspections, Calibration, Loop check, Functional Test & Pre-Commissioning.
- Preparation of specification and procedures in line with the ISO 9001 requirement
- Updating Wiring Diagrams as per field wiring and vendor wiring diagrams
- Preparation loop dossier for individual instruments of system wise.
- Create punch list for each individual instrument.
- Commissioning the I/O's to PLC panel on the site.
- Loop checking of all instruments wiring and equipment's on the site.
- Inspection and testing of Junction Box, LOP panel at Factory.
- Cable schedule preparation for all required cables from/to PLC and Field.
- PLC panel factory acceptance test (FAT) and Functional test done at factory.
- Submission and issuance of Inspection Test Report (ITR) for mechanical completion prior to loop check, pre-commissioning and commissioning by modules, system and sub-system wise to instrument discipline.
- Working collaboratively with design engineers, operation engineer and procurement team.

- Understanding and ensuring compliance with the health and safety regulations and quality.
- Planning, co-ordinate and implement project plans according to contracted schedules
- Plan, schedule and monitor work with supporting supervisor

AWARENESS OF NATIONAL & INTERNATIONAL CODE:

- SAES (Saudi Aramco Engineering Standards)
- SAEP (Saudi Aramco Engineering Procedure)
- NEC (National Electrical Code)
- NFPA 70 & NFPA 72 (National Fire Protection Association)
- NEMA (National Electrical Manufacturers Association)
- IEC (International Electro Technical Commission)
- ANSI (American National Standard Institute)

Previous Profile:-

Organization	OMNI-CREST ENGINEERING & CONSTRUCTION PTE LTD, Singapore.
Designation	E&I Engineer
Client	GlaxoSmithKline Pte Ltd, Singapore.
Period	March 2013 to Feb 2018

Work Profile (Roles and Responsibilities)

- Planning, co-ordinate and implement project plans according to contracted schedules
- Plan, schedule and monitor work with supporting supervisor
- Preparation of method of statement, risk assessments for various installation and commissioning activities
- Preparation of specification and procedures in line with the ISO 9001 requirement
- Understanding and ensuring compliance with the health and safety regulations and quality
- Working collaboratively with design engineers , operation engineer and procurement team
- Visit construction sites to observe the condition impacting design and to identify solution to technical design problems arise during before, during end of construction
- To provide customers with technical support and engineering solution
- Delivering the product as per the detailed design on time compliance with quality
- Cable schedule preparation for all required cables from/to PLC and Field.
- Preparation construction tracker sheet.

- Inspection and testing of Junction Box, LOP panel at Factory.
- PLC panel failure acceptance test (FAT) and Functional test done at factory.
- Loop Checking, Troubleshooting, Testing and Commissioning.

Current Profile

Organization	ONYO ENGINEERING PTE LTD, Singapore.
Designation	E&I QA/QC Engineer
Client	Exxon Mobile (Singapore)
Duration	Oct 2009 to Feb 2013

Work Profile (Roles and Responsibilities)

- Experience in all phases of Construction, Material receiving, QC inspections, Calibration, Loop check, Functional Test & Commissioning.
- Preparation of specification and procedures in line with the ISO 9001 requirement
- Updating Wiring Diagrams as per field wiring and vendor wiring diagrams
- Preparation loop dossier for individual instruments of system wise.
- Create punch list for each individual instrument.
- Commissioning the I/O's to PLC panel on the site.
- Loop checking of all instruments wiring and equipment's on the site.
- Inspection and testing of Junction Box, LOP panel at Factory.
- Cable schedule preparation for all required cables from/to PLC and Field.
- PLC panel factory acceptance test (FAT) and Functional test done at factory.
- Submission and issuance of Inspection Test Report (ITR) for mechanical completion prior to loop check, pre-commissioning and commissioning by modules, system and sub-system wise to instrument discipline.
- Working collaboratively with design engineers , operation engineer and procurement team
- Understanding and ensuring compliance with the health and safety regulations and quality

Test Equipment handled

- Multimeters - Fluke-87, etc.,
- Simulator-Fluke-707, 787, etc.
- Communicators - 375 & 475.
- Multi process meter - 724,725 and 744, Decade Resistance Box, etc. for Thermocouple and RTD

- Pressure Calibrator - Fluke 717, Druck DP603, 610 & 620, Pneumatic pumps and Hydraulic pumps, etc.

Previous employment:-

Organisation : RLT Instrumentation Engg pvt Ltd. Chennai, India.

Designation : Project Engineer (Electronics & Instrumentation)

Period : Nov 2007 – Sep 2009.

Job profile:-

Instrumentation work:

- Planning, co-ordinate and implement project plans according to contracted schedules
- Plan, schedule and monitor work with supporting supervisor
- Preparation of method of statement, risk assessments for various installation and commissioning activities
- Understanding and ensuring compliance with the health and safety regulations and quality
- Working collaboratively with design engineers , operation engineer and procurement team
- Experience in all phases of Erection, Construction, QC inspections, Calibration, Loop check, Functional Test. Commissioning, Start up and Maintenance works with Permits, Planning, and Technical support
- Perform calibration of instrument such as pressure transmitter, flow transmitter, temperature transmitter, control valve, level transmitter, flow meter transmitter, displacer type or level troll.
- Performs instrumentation works comprising DCS and Field instrument replacement jobs and final testing. Performs functional testing of all loops, electronics analogue and digital signals and relay-based emergency shut-down.
- Visit construction sites to observe the condition impacting design and to identify solution to technical design problems arise during before, during end of construction
- To provide customers with technical support and engineering solution
- Delivering the product as per the detailed design on time compliance with quality
- Cable schedule preparation for all required cables from/to PLC and Field.
- Preparation construction tracker sheet.
- If any changes i/o list after installation as-built mark up the drawings and forward to draft man.

PROJECT HANDLED IN INDIA:

- Power Plant Operate with PLC, Steam Generation Test Facility, Indhra Gandhi Centre of Atomic Research, Kalpakkam, Tamil Nadu. (Project & Maintenance).
- Chemical Plant with DCS, Ortho Chlorine pro, Nagarjuna Agrichem Limited, Srikakulam, Andhra Pradesh (Project & Maintenance)

- Chemical Plant with DCS, Rotary kiln pro, Nagarjuna Agrichem Limited, Srikakulam, Andhra Pradesh (Project & Maintenance)
- Power Plant operate with DCS, Donkuni steel Limited, Srikakulam, Andhra Pradesh (Project)
- Chemical Plant with DCS, MEE (multi effect evaporator) pro, Nagarjuna Agrichem Limited, Srikakulam, Andhra Pradesh (Project & Maintenance)

ACADEMIC QUALIFICATIONS:

- **B.Tech** (Electronics & Instrumentation) MGR UNIVERSITY with CGPA 6.98

OTHER COURSE COMPLETED:

- Basics of Computer Applications (MS word, MS Excel, MS DOS, Power point) in Annamalai Polytechnic, Chettinad.
- Diploma in Industrial Automation (**PLC –Omron, Siemens S7-300. SCADA, HMI, Pneumatics, DCS**) in Indra Gandhi Institute, Chennai, India.

PERSONAL PROFILE:

Date of Birth : 11th January 1983

Sex : Male

Nationality : Indian

Marital Status : Married

Languages : English, Hindi, Tamil & Telugu

Temporary
Address : Dalal Al-jubail,
4th Floor, No-407
PO Box 703,
Al-jubail 31951.

Passport no : R2298573

DECLARATION:

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

Date:

Signature

