

S.SHARVASWARAN

INSTRUMENTATION ENGINEER

(Power,Oil&Gas Construction Field)

No: 4, North Madavala St, Mannachanllur(TK), Samayapuram
Trichy | Tamil Nadu | India-621112

Mobile: India: +91-9942971995 | Email: sharveshece@gmail.com | Skype id: sharvesh s

CAREER OBJECTIVE

"I am seeking an opportunity to merge my initiative, enthusiasm with **07 Yrs of experience** to add value, both to the organization and myself. To aim at expanding my horizons and developing skills in the field of "Instrumentation & Control".

EDUCATION CREDENTIAL

DEGREE	INSTITUTION	YEAR	PERCENTAGE
B.E(ECE)	Chettinad college of engineering and technology,Karur	2013	62
Diploma (ECE)	Dhanalakshmi Srinivasan Polytechnic,Perambalur	2010	85
Class X	St. Mary's Matriculation,School,Trichy	2007	72

WORK EXPERIENCE-EMPLOYER NAME

1.Shreeji Shipping,Gujarat (Present company) Dept:Instrumentation Designation:Sr.Engineer.	Dec 2019 to still	Total Years of exp: 07 Years Indian Exp:05 yrs Gulf Exp :02 yrs
2.Nasser.S.Al-Hajiri Corporation, Saudi Arabia Dept: Electrical and Instrumentation Designation: E&I Supervisor	Nov-2017 to Dec-2019	
3.Ennore Coke Ltd, Haldia, West Bengal Dept: Instrumentation & Control [WHRB Power Plant] Designation : Sr.Engineer-Operation	May 2015 To Nov 2017	
4.Operational energy group,Tamil Nadu Dept: Instrumentation & Control. Designation: Instrumentation Engineer	Sep 2013 to Sep 2015	

PRO JECTS HANDLED:

CLIENT NAME	PROJECT NAME	PROJECT SCOPE
1.Shreeji Shipping, Gujarat,India	1*10MW Power Plant Project	Capacity of 10MW Waste heat recovery type boiler power plant.
2.Nasser.s AL-HAJRI Corporation Saudi Arabia.	1.Fadhili sulphur recovery unit Package-03(Fadhili gas plant) Client-Petrofac & Saudi aramco. 2. Saudi Aramco onshore maintain potential program. Client-Saudi Aramco. 3.Abqaiq Restoration project. Client. Saudi Aramco	Instrumentation Erection of Sulphur recovery units Fadhili-624,Fadhili-151&153 Fadhili-147,Fadhili-136 Water and oil-Well project Northern oil upstream division
3.Ennore Coke Ltd, Haldia, West Bengal, India.	Erection of WHRB -3 pass type boiler)	Capacity to setup a 12MW of power plant.
4.Operational Energy group. Karur,Tamil Nadu.	1*30MW of Power Plant.(Coal fired base boiler)	Erection of 30MW Capacity of Power plant

Certificates:

- ☞ Got appreciation certificate from Saudi Aramco for well contribution and shortly completed an Abqaiq restoration project on Nov-25-2019.

Roles & Responsibilities in project erection and execution:-

- ☞ Good knowledge about permit to work system.
- ☞ Knowledge in PLC, DCS, Honeywell smart transmitter ST-3000 and Siemens.
- ☞ Experienced in control valves, motor operated valves, damper system and actuators.
- ☞ Loop checking and commissioning of all field instruments.
- ☞ Co-ordination with vendor for functional logic test.
- ☞ Capable of instrument specification and hook up drawing.
- ☞ Wiring and termination of instrumentation cables to all types of JB'S.
- ☞ Calibration of field instruments like PT,FT, LT and TT.
- ☞ Co-ordination with operation start up team to check all condition & logics.
- ☞ Installation of Temperature elements such as Thermocouples, Temperature Gauges
- ☞ Installation of Temperature, pressure, flow, multiphase flow transmitter,pdt,orifice,LT.
- ☞ Installation of Resistance Temperature Detector.
- ☞ Installation of Remote terminal unit in the well site for the field instrument controls.
- ☞ Installation of MPFM in the production header, test header and in flow line.
- ☞ Installation of **ABB shelter type and cabinet gas analyser's** and sampling probe termination.
- ☞ Installation of Corrosion inhibitor skid and waste oil skid along with cable termination.
- ☞ Installation of H2s sensors and Lel sensors for the gas detectors.
- ☞ Installation of sensor beacons and horns.
- ☞ Termination of **CP-rectifier** and cable pulling of pos+ve and neg-ve cables.
- ☞ Magnesium anode bed installation for the pipe protection.
- ☞ Cad welding of grounding cables and cable pulling of grounding cables.
- ☞ Cable termination of the UPS-10kva and 5kva.
- ☞ Cable termination for the marshalling cabinets.
- ☞ Installation of communication panels and setup the devices in communication cabinets.
- ☞ Cable pulling of Instrument and Electrical cables in tray and trenches.
- ☞ Knowledge in tubing to field instruments like orifice,venturi,pitot tube,flow nozzle type flow tx.
- ☞ Knowledge in installation of wireless vibration transmitters and wireless access point in pump and other equipments.

Shutdown project experience & responsibilities:

- ☞ Installing the field instruments in crude oil stabilizer units.
- ☞ Conducting loop checking from field to dcs as per design data sheets and Pfd.
- ☞ Analysing and survey the scope of work with field instruments.
- ☞ Review the process drawing and P&id with field instruments.
- ☞ Calculate the manpower requirements for the work scope.
- ☞ Arranging weekly team meeting with area supervisors for achieving target.
- ☞ Ensure the work permits for work.
- ☞ Install and setup the sanitary lift station for waste water from plant.

Managerial responsibilities:

- ☞ Review of drawings as per site conditions with client.
- ☞ Achieving daily loop completion target and cable pulling progress.
- ☞ Updating daily cable pulling and site work activities to manager.
- ☞ Ensuring the materials in site from warehouse.
- ☞ Analysing material requirement for work front.
- ☞ Give technical good training and work knowledge to the foreman, technicians, supervisors.
- ☞ Minimize the material wastage and material control.
- ☞ Establish the instrument installation work as per Saudi Aramco standards.
- ☞ Arranging the work for plant pre startup and commissioning activities.

I. Operation and Maintenance experience:

- ☞ Ensures maintenance tasks are completed by the Technicians as per Work Orders.
- ☞ Ensures the reports are should be done and documented.
- ☞ Generates reports as necessary for the maintenance done.
- ☞ Attempts all possible means of reducing equipment downtime and ensuring high plant availability.
- ☞ Performs Root Cause Analysis of failures.
- ☞ Works with Plant Operations Personnel to resolve problems encountered with I&C equipment.
- ☞ Involved in execution and monitoring day to day operation and maintenance of control system used in production line especially distribution control system (DCS).

AREAS OF INTEREST

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| <input checked="" type="checkbox"/> Gas Analyzers | <input checked="" type="checkbox"/> Instrument Calibration | <input checked="" type="checkbox"/> Distributed Control System |
| <input checked="" type="checkbox"/> Quality Assurance /Control | <input checked="" type="checkbox"/> Maintenance engg | |
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| <input checked="" type="checkbox"/> Communication and managerial | Communicate Precise Information, Defining, Explaining, Interpreting Ideas, Teaching/Training, Listening, Negotiating, Presenting & effective Client management. |
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TECHNICAL SKILLS

Operating System : Windows 2000/XP/7/8.1/10
Office Packages : MS Office, Photoshop, Primevera

PERSONAL DETAILS

Date of Birth	21-02-1992	Languages	Tamil, Hindi, English, Telugu, Bengali, Malayalam.
Father's Name	R.K. Subramanian	Passport No	L4662455
Sex	Male	Date of issue	25/09/2013
Nationality	Indian	Date of expiry	24/09/2023
Age	25	Place of issue	Trichy

DECLARATION

I (S. Sharvaswaran) hereby declare that the above information given by me is true to the best of my knowledge.

Place:
Date:

Yours Sincerely,
(S.Sharvaswaran)