

CURRICULUM VITAE

Devendra Yadav,
FSP Certified by Exida



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12 Years & 7 Months of Experience in Control & Automation System (Engineering, Design & Project Execution)

OBJECTIVE

Aiming for assignments in Control & Instrumentation Engineering & Design, Projects and Construction with a leading organization.

WORK EXPERIENCE (TOTAL – 12 YEARS & 7 MONTHS)

1. Reliance Gas Pipelines Limited. Mumbai.

Role – Sr. Manager SCADA & Telecom Systems (Engineering & Project Execution/Construction)

Duration – August 2014 to till date.

2. Mahanagar Gas Ltd. Mumbai.

Role – Asst. Manager SCADA Installation (Engineering, Design & Project Execution)

Duration – April 2012 to July 2014.

3. Larsen & Toubro, Electrical & Automation FZE, Dubai.

Role –Sr. Engineer (Engineering & Project Execution)

Duration – August 2008 to April 2012.

PROJECT EXPERIENCE in RGPL (August 2014 to Till Date)

SHAHDOL PHULPUR GAS PIPELINE (Commissioned Compressor Station, MLVs & M&R Station).

- Reviewed / prepared engineering documents for approval. Attended FAT of SCADA & Telecom system, Fire & Gas System and Emergency Shutdown System.
- Stationed at Shahdol, had responsibility upto Phulpur for construction, Project management & commissioning of SCADA & Telecom System.
- Coordinated PMC, Contractors & Vendors for execution & coordinated for commissioning of 303 KMs of SHPPL gas pipeline.
- Conducted SAT and taken handover of control systems. Coordinated for engineering changes & updated the documents.
- Providing technical assistance to O&M team for smooth remote operation of Compressor Station & Gas Pipeline.

DAHEJ NAGOTHANE ETHANE PIPELINE (Commissioned Pump Station, MLVs & M&R Station).

- Reviewed / prepared engineering documents for approval.
- Stationed at Dahej, had responsibility for construction, Project management & commissioning of SCADA & Telecom System.
- Coordinated PMC, Contractors & Vendors for execution. Coordinated for commissioning of DNEPL Ethane pipeline. Coordinated for engineering changes & updated the documents.

CURRENT JOB PROFILE

Presently working as Sr. Manager (Engineering & Project Execution / Construction) at 'Reliance Gas Pipelines Ltd. Mumbai'.

1. Engineering & Project Execution

- Working for Control & Automation, SCADA & instruments installation project in RGPL. Involved in basic engineering of SCADA systems. Preparing System Architecture, datasheets, Specifications, GA, BOM & other engineering documents, carry out technical bid evaluations and review of vendor/contractor documents. Preparing Plant Interlock & Control narrative, C&E chart of safety systems.
- Involved in Developing Technical specification, Project Planning, basic Engineering, Technical Documentation, Hardware Selection / Drawings related to project, FAT, SAT and Inspection Report for Automation System.
- Coordinating & guiding Project Management Consultant, Contractors & Vendors for execution construction & commissioning activities of Compressor & Pump Station.
- Installation of Remote monitoring & control system of Gas Pipeline & Ethane Pipeline.
- Development of PLC Logic and SCADA screens for Compressor Station, Pump Station & Gas / Oil Pipeline based on the Control Philosophy. Extensive Experience in Design of Control Panel with Detail Engineering of the System with respect to Field Wiring, Database development. Integration of Valves / Actuators, GC, Flow Meters and Field Transmitters with SCADA System for remote monitoring & control.

2. Maintenance of the Control System along with field Instruments

- Planning & Coordination for maintenance of all Control & Instrumentation Systems comprising of RTU, PLC, SCADA & Field instruments.
- Coordination with Operation team and OEMs (Contractors or Vendors) for mobilization of manpower, material, services, etc. to execute the scheduled activity and to restore any breakdown of any control system.
- Technical assistance to O&M team for smooth operation of Pipeline, CS & PS.

3. Installation & Commissioning

- Site planning, co-ordination and management with PMC, Contractors, vendors and customers.
- System installation, integration, start-up and troubleshooting.
- Hot/Cold Loop Checks, Function Logic Checks, Customer package interfaces.
- SAT, System Trials, System handover.

4. Business Development

- Audit & site review and preparation of case studies
- Vendor development, Presentation to new customers
- Building knowledge management system across organization

PROJECT EXPERIENCE in MGL (April 2012 to July 2014)

SCADA Installation & Maintenance in MGL.

Role : Engineering & Project Execution (Installation & Commissioning) of Control & Automation System, including preparation of datasheets, carry out technical bid evaluations and review of vendor documents. Involved in Developing Technical specification, New Site Survey, Project Planning, Material Procurement, Engineering & Design, Technical Documentation, Hardware Selection / Drawings related to project, FAT and Inspection Report for Automation System. Development of PLC Logic and coordinating ABB for SCADAVantage SCADA installation for 150 CNG stations and 4 MGL Gas Terminal in Mumbai. Integration of Valves / Actuators, GC, Flow Meters, Automatic Meter reading System and Field Transmitters with SCADA System for remote monitoring & control.

Planning & Coordination for maintenance of all Control & Instrumentation Systems comprising of Telecom System (VSAT / RF link / Lease Line etc.), RTU, PLC, SCADA & Field instruments. Coordination for Gas Flowmeters, Automatic Meter reading system and Gas Compressor Station. Coordination with Operation team and OEMs (Contractors or Vendors) for mobilization of manpower, material, services, etc. to execute the scheduled activity and to restore any breakdown of any system.

PROJECT EXPERIENCE in L&T (August 2008 to April 2012)

Client : Marafiq / Royal Commission, Kingdom Of Saudi Arabia.

Role : Project Engineering for Water Pumping station, Selection and Procurement of Field Instrumentation, Fire Alarm system, CMS, Supervised the Erecting & Installation, TQ raised, Prepared the cable schedule and supervised its laying and termination from field instruments to the system panels, Conducted SAT, Site Commissioning of ABB 800xA & System handover.

(Awarded by MEED Quality Award for Projects).

Client : Qatar Petroleum, Qatar.

Role : Working as Lead Engineer for Control & Automation Project. Involved in Procurement of Field Instruments preparation of instrument datasheets, Specifications, GA, BOM & other engineering documents, carry out technical bid evaluations and review of vendor documents. Working as a Project Coordinator for station Automation, Instruments selection, Specification, Method Statement & other documents prepared & taken approval, Cause & Effect chart reviewed for Safety PLC system, Commissioning of PLC Logic in Unity pro XL & Concept, HMI development in Vijeo-Designer & Intouch, ESD and F&G system in HIMA PLC, Pakscan – MOV control system, VESDA- High Sensitivity Smoke Detection System, Supervised the installation and erection of the system panels and supervised the cable laying and its termination, Supervision of installation & Commissioning of CCTV System, Telecom System & IT System, Modification of existing SCADA-PLC & F&G PLC system in existing stations, conducted SAT & Site Commissioning, Performed the 72 Hrs of Performance test. Project handover.

Client : Chemanol, Kingdom Of Saudi Arabia.

Role : Project Engineering for Power Management System, Prepared cable schedule, Coordinated for the installation of Server cabinet, Control desk, Remote IO / Marshalling Cabinet, cable laying & its termination. Detail engineering at Sub-station, Switchgear, softstarters, PDBs, DBs etc for cable termination for SCADA installation. HMI development in Intouch.

Client : Dubai Electricity and Water Authority / ARCO, Dubai, UAE.

Role : Technical Support to Clients during commissioning for SCADA development in Wonderware and MV Drives Commissioned. Project Engineering & Project Designing in PCS7.

Client : Chemanol, Kingdom Of Saudi Arabia.

Role : Programmed and Commissioned the MVS Series of Aucom Soft Starters, conducted SAT and handover.

Client : Oman Oil Tanking, Oman.

Role : Project Engineering & Project Designing in PCS7, Conducted FAT at Dubai office, for ESD (HIMA), SCADA-HMI (I-FIX).

Client : Al-Mana Networks, Doha, Qatar.

Role : Project Engineering & Project Designing in PCS7, Commissioned the LV Drives and synchronized between 3 motors.

Client : Intecsa, Kingdom Of Saudi Arabia.

Role : Reassembling of LV Drives panel, Tested and conducted FAT in KSA.

Client : Daleel Petroleum, Oman.

Role : Project Engineering & Project Designing in PCS7 for the Power station of Daleel Petroleum at Musscat.

Client : Oman Gas Company, Oman.

Role : New Site Survey, Project Engineering & Project Designing for Remote monitoring & Control of all the 50 nos of Gas Terminals of Oman Gas from centralized SCADA system. Prepared engineering documents related with installation of Kingfisher RTU and coordinated with client for their approval.

SKILLS SET**1. Systems & Software's**

- Domain Knowledge - Oil & Gas Process Control & Automation.
- **SCADA**- Experion, Telvent, SCADAVantage, Vigeo Designer.
- **Control PLC** - Emerson, Telvent, Schneider PLC
- **Safety PLC** - HIMA PLC (Elop-II)
- **Condition Monitoring System** – Bently Nevada 3500,
- **PAKSCAN** – MOV Control PLC System,
- **VESDA** – High Sensitivity Smoke Detection system.
- **Communication** - Control Net, Ethernet, Modbus and Modbus Plus.

2. Project Management

- Planning & Resource Management
- Vendor management
- To generate Project Progress Report.

3. Others

- MS-Project, AutoCAD, Language C, MS-Office

ACADEMIC RECORD

Course	Year	Institute	% Marks	Division
PGD (Business Management)	2013	Mumbai University	70.0%	Grade-A
B.E.(Electronics)	2008	UCOE, Nagpur University.	70.2%	First
H.S.S.C.	2004	SXHSS, CGBSE Board.	75.4%	Distinction
S.S.C.	2002	SXHSS, CGBSE Board.	78.6%	Distinction

PERSONAL INFORMATION

Full Name : Devendra Yadav

Date of Birth : 30th March 1986

Passport No. : H2646353

Marital Status : Married.

Nationality : Indian.

Languages known : English and Hindi.

Interest/Hobbies : Yoga / Meditation, Playing Cricket & Football and Reading Blogs.

I hereby declare that all the statements made above are true to the best of my knowledge & belief.

:- Devendra Yadav