

NAVEEN GARG

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VISIONARY TECHNOLOGY PROFESSIONAL

Project Management ~ Instrumentation & Control ~ Operations & Maintenance ~ Installation & Commissioning

Scaling new heights of success with hard work & dedication and leaving a mark of excellence on every step

Industry Preference: Pulp & Paper, Power and Oil & Gas

PROFILE SUMMARY

- A "Performance Driven Professional" with an experience of over 16 years in Project Management, Instrumentation & Control, Operations & Maintenance, Installation & Commissioning, Troubleshooting and Team Management majorly in Pulp & Paper domain
- Currently working with BILT Ballarpur (Avantha Group) Maharashtra as Instrumentation Manager
- Adept in ensuring sufficient human, financial, technological, informational, and material resources are available to carry these out
- A keen strategist with expertise in administering project operations with key focus on top-line & bottom-line profitability by ensuring optimal utilization of resources
- Adept at handling pre-commissioning, calibration, erection & commissioning activities involving resource planning, in-process inspection, team building and co-ordination with internal / external departments
- Proficiency in managing operations & maintenance of various equipment for reducing downtime and enhancing operational effectiveness of equipment



HIGHLIGHTS

- Qualified B.Tech (Electronics & communication Engineering) from BBSEB, Fatehgarh Sahib (PTU, Jalandhar) in 2001
- Educational Credential Assessment done by World Education Services(WES), Canada Date : June 02. 2016 ECA#: 3005365IMM Canadian Equivalency: Bachelor's degree

DOMAIN & INDUSTRY EXPERIENCE

- 2ABB 800xA DCS Systems Honeywell C300 DCS System, ABB 800F DCS System, Process Sensors, Transmitters (Smart Type), Electronics & Pneumatic Instruments. NOV, MCA and Pneumatic Control Valves, YOKOGAWA ABB, ROSEMOUNT Make; Hook up drawings, GA Drawings. FAT, SAT, Interlocks Descriptions etc.

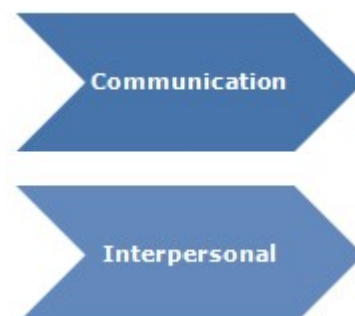
NOTABLE ACHIEVEMENTS

- Deftly managed installation and commissioning of instrumentation in various projects in India & Abroad (Pulp, Paper & Co-generation Area)
- Distinction of working in biggest chemical Recovery Boiler 4000 TPD Capacity in Indonesia
- Profibus communication of various VFD's & PLC's has been established with 800xA DCS and Boiler commissioning has been done without ABB Engineer in Malaysia
- Participated in various activities of Energy Saving during maintenance
- Installed ABB800xa DCS in PM1to6 Stock Preparation in house (Old DCS not in use at Pulp Mill from last 7 Years)

CORE COMPETENCIES

- Monitoring projects with respect to cost, resource deployment, time over-runs, quality compliance and manpower planning to ensure timely execution of projects
- Actively involved in handling design issue according to the site conditions including technical specification preparation, BOQ preparation, invoicing clearance from the technical side as well as new developments
- Executing process measurement & control instrumentation & services to optimize manufacturing processes
- Configuring and programming of various plant equipments, drives (AC & DC), PLC & DCS; etc. developing logic flow charts/ interlock diagrams as per

PERSONAL TRAITS



- requirement of process operations
- Assessing the electrical / general arrangement diagram for control panel/PLC panel, drives, & DCS
- Planning and effecting predictive & preventive maintenance schedules for various equipment / lines to increase machine up time & equipment reliability
- Identifying areas of obstruction / breakdowns and taking steps to rectify the equipment through application of troubleshooting tools
- Installation and commissioning of the heavy equipment; conducting tests & inspections to ensure operational effectiveness of plant & utilities
- Reviewing engineering drawings, layouts, diagrams, technical specifications, cost estimates for erection & commissioning of the plant
- Carrying out overhauling work of equipment, modifications, and major repairs to improve equipment efficiency by fault-finding
- Directing and leading the technical personnel; imparting continuous on job training to the workforce for accomplishing greater operational effectiveness / efficiency

Adaptive

Problem Solving

Leadership

Organizational Scan

Jan'18: BILT Balarpur as Manager - Instrumentation (Avantha Group)

Key Assignments:

- Administered maintenance activities of:
 - Paper Machine (502 TPD)
 - Power Plant (40 MW)
 - ABB DCS & QCS
 - Honeywell DCS & QCS
 - Siemens PLC



Sep'16-Dec'17: Sabah Forest Industries Sdn Bhd Sipitang, Sabah-Malaysia as Manager - Instrumentation (Avantha Group)

Key Assignments:

- Administered maintenance activities of:
 - Power Boiler x 2 (220 TPH & 75 TPH)
 - Recovery Boiler x 2 (690 TPD)
 - Evaporator x 2
 - ABB DCS System 800xA (5.1 Version)
 - CTG 25 MW
 - BPTG 20 MW (Woodward 505E)
 - DECTG 22.5 MW (Woodward Micro net Plus Governor)



Since Apr'14-Aug'16: Trident Group, Barnala E& Instrumentation Manager



Key Assignments:

- Oversaw wide gamut of tasks involved in maintenance of:
 - Power Plant Field Instrumentation
 - ABB DCS System 800xA
 - Centralized Workshop for Paper, Pulp, Co-Generation, Yarn and Pulp Division

Jun'13-Mar'14: Indah Kiat Pulp & Paper Perawang (SinarMas Group), Indonesia as Assistant Manager



Key Assignments:

- Managed project operations of
 - Up gradation of Recovery Boiler
 - Commissioning of New Evaporator, CRP Plant and CD Filter
 - ABB 800M DCS
- Administered maintenance activities of:
 - Field Instrumentation Power (Upto 150 Mw turbine)& Recovery Boiler (Upto 4000 TPD) Area
 - ABB DCS System 800xA
 - Honeywell system

Jun'10-May'13: Sabah Forest Industries Sdn Bhd Sipitang, Sabah-Malaysia as Project Engineer - Instrumentation / Assistant Manager - Instrumentation



Key Assignments:

- Supervised overall projects & maintenance related work of:
 - Power Boiler x 2
 - Recovery Boiler x 2
 - Evaporator x 2
 - ABB DCS System 800xA
 - CTG 25 MW
 - BPTG 20 MW
 - Turbine 22.5 MW
 - Pulp Sheeting Machine

Jun'09-May'10: Bindal Group (Bindal Paper Ltd.), Muzaffar Nagar as Manager - Instrumentation



Key Assignments:

- Controlled projects operations & maintenance work for:
 - 250 TPD Paper Machine
 - Continuous Digester
 - Fibre Line
 - Wood Digester
 - ClO2 Plant
 - Recovery Plant & Evaporator
 - Honeywell DCS System C300

Commenced career with Abhishek Industries Ltd. (Trident Group), Punjab as Executive - Instrumentation from Nov'01-Jun'09



Key Assignments:

- Supervised overall projects & maintenance related work of:
 - 2 X 20 MW T.G. Sets
 - 2 X 130 TPH Boilers
 - Caustic Recovery Plant 450TPH
 - Lime Kiln Plant
 - 180 TPD Straw Pulp Mill (only Continuous Digester)
- Supervised maintenance related work of:
 - 120 TPD Writing Printing Paper Machine
 - 9.4 MW T.G. Sets
 - 50 TPH Boilers
 - Sulphuric Acid Plant & 900 KW Back Pressure Turbine Set.

Technical Expertise

- Erecting & commissioning:
 - Paper Machine and Pulp Mill viz., Continuous Digester, Wood Digester, ClO2 Plant, O2 Plant, Recovery Boiler, Evaporator, & Lime Kiln), Husk Boiler and Turbine
- Project Maintenance & Operation:
 - Paper Machine Area 250TPD & 120TPD Writing and Printing Paper Machine, Pulp Mill, Stock Preparation and Finishing House
 - Cogeneration Plant: 220 TPH Boiler, 75 TPH Hog Fired (AFBC), 130 TPH Coal & Husk Fired and 60 TPH Husk Fired Boiler
 - 125 MW DECTG, 22.5 MW DECTG, 25 MW CTG, 20 MW BPTG & 20 MW ECTG*2, and 9.4 MW Extraction Control Steam Turbine
 - Chemical Recovery & Evaporator Unit: 4000 TSPD, 3000 TSPD, 690 TSPD & 450 TSPD 165 TSPD Black Liquor Fire Boiler
 - Sulphuric Acid Plant: Sulphuric Acid Plant & 900 KW Back Pressure Turbine Set

- Others:

- DCS System (ABB 800XA, Honeywell Experion)
- Consistency Control Loops
- Hydraulic & Pneumatic Control Loops
- Magnetic Flow Tubes
- Steam Control System of Dryer System
- Control Valves (Electro-pneumatic, Hydraulic&Electric Actuator)
- Elsas Bailey Freelance 2000 System
- Loops & Relay Logic Controls of Turbine System
- Turbine Hydro Electric Control Valve For L.P & H.P.Valves of Turbine
- Cascade Loops of Boiler
- 3 Element Control Loops of Power Boiler
- Programming & Display Designing of Freelance System
- Programming and Control of Woodward 505 E Turbine Controller
- Woodward CPC Converters

Education & Credentials

Bachelors in Technology (Electronics & Communication Engineering) in 2001
BBSEB, Fateh Garh Sahib (PTU, Jalandhar)

Professional Enhancements (Training & Certifications):



Personal Details

Date of Birth: 12th May, 1980
Address: H.No. B-XIII/265, Street No.2,
Opposite New Courts, GTB Nagar
Barnala-148101,
District: Barnala, Punjab
Passport Details: J4673520 (Expiry Date: 10/11/2020)