

SWAPNIL EKNATH THAKUR

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SUMMARY:

A qualified instrumentation engineer with 4.5 years of hands on experience in the field of instrumentation maintenance & DCS/PLC willing to put his efforts in company where he can learn and grow at early stage of his carrier.

KNOWLEDGE OF CONTROL SYSTEMS:

- DCS: Honeywell C300
- PLC: Siemens S7-300/400/1200
- SCADA: HMI web display builder

WORK HISTORY:

Gulf experience:

POWERTECH DEVELOPMENT W.L.L

- Client Name: Gulf Petrochemical Industries Co.
- Work location: Sitra, Bahrain
- Designation: Instrumentation Technician
- Responsibilities: Performed valve accessories mounting and valve calibration at valve workshop for following vendors PIGNONE SUD, DVC6200, MASONEILAN, ECKARDT, KOSO, PARCOL, NELES ON-OFF VALVE. Kept track of valves coming and outgoing from workshop and interacting with customer for priority valves.

Honeywell DCS Projects:

1. HYDROGEN GENERATION UNIT

- Client Name: Hindustan Petroleum Corporation Limited
- Work location: Chembur
- DCS controller: Honeywell C300
- ESD controller: Safety Manager
- Designation: Project Engineer
- Responsibilities: Periodic communication with customers regarding technical and administrative issues, solving Honeywell hardware and software issues, Coordination of subcontractors on site, troubleshooting HMI related issues, Interlock checking and equipment trial with customer. Third party communication using MODBUS RTU.

2. LIOM TO C300 UPGRADATION PROJECT

- Client Name: Brahmani River Pellets Limited(BRPL)
- Work location: Barbil, Odisha
- DCS controller: Honeywell C300
- Designation: Project Engineer
- Responsibilities: Equipment trial and interlock checking, Graphics and logic modification as per customer requirement. Handling sub-contractors, cabinet assembling, hot loop and cold loop test, tracking of onsite material, Site acceptance test with customer.

3. Annual Maintenance Contract of Honeywell DCS C300 and ESD

- Client Name: National Thermal Power Corporation (NTPC)
- Work location: Ramagundam
- DCS controller: Honeywell C300
- ESD controller: Safety Manager
- Designation: Resident Engineer
- Responsibilities: Periodic communication with customers regarding technical and administrative issues, solving Honeywell hardware and software issues (including Experion PKS, other DCS hardware), Coordination of subcontractor's on site, worked with dell machines, terminal server configuration, antivirus patch update, graphics modification, troubleshooting HMI related issues, troubleshooting Shinkawa VMS .

4. TATA STEEL PH 4 LDO Conversion Boiler # 2 Shutdown

- Client Name: TATA STEEL LIMITED
- Work location: JAMSHEDPUR
- DCS controller: Honeywell C300
- Designation: Commissioning Engineer
- Responsibilities: Logic checking & modification, hot loop testing, trial run of the equipment with customer, termination of new signal cables, signal hook up activity with customer.

5. Modification of integrated control system for BS-VI project

- Client Name: IOCL Refinery, Paradip
- DCS controller: Honeywell C300
- Designation: Design Engineer
- Responsibilities: IO Assignment, JB scheduling, DCS and ESD Cabinet designing for ROGPSA Unit, Bill of material for ROGPSA unit DCS and ESD, Heat load calculation for ROGPSA unit DCS and ESD, FDS and design documents for customer approval, Cabinet designing and IO assignment for Foundation Field bus signals.

6. Replacement of existing control system of IC Complex with DCS

- Client Name: ONGC Offshore
- DCS controller: Honeywell C300
- Designation: Project Engineer
- Responsibilities: IO Assignment, Material ordering, cabinet assembling (PDB, System and Marshalling), Hot & Cold loop checking, Logic & Graphics modification, Hook-up of signals, Documentation (As built - HDM, Loop drawings), FO cable splicing.

7. Captive Power Plant Up gradation Project (LM to ML200R and HPM to C300)

- Client Name: Hindustan Petroleum Corporation Limited
- Work location: Chembur
- DCS controller: Honeywell C300
- PLC: Honeywell ML200
- Designation: Graduate Engineering Apprentice
- Responsibilities: Carried out all panel mounting & wiring works inside control panels, panel testing, design documents of engineering drawing manual and hardware drawing manual, setup of console & flex stations at control room.

8. Annual Preventive Maintenance of Honeywell DCS System

- Client Name: Hindustan Petroleum Corporation Limited
- Work location: Chembur
- DC controller: Honeywell C300
- Designation: Graduate Engineering Apprentice
- Responsibilities: Checking live status of system, daily reporting to Honeywell lead, troubleshooting, new point addition in TPS and EPKS, making AMC report for cabinets located in total 7Units.

FIELD INSTRUMENTATION EXPERIENCE:

1. Apprenticeship:

- Company: Hindustan Petroleum Corporation Limited
- Work Location: Chembur
- Department: Instrumentation Maintenance Department
- Designation: Graduate Engineering Apprentice
- Responsibilities:
 - Hands on Experience of Calibration, maintenance, Installation and commissioning of transmitters for Process viz Pressure, Level, Temperature and Flow Make: - Yokogawa Honeywell Siemens and Rosemount etc.
 - Hands on Experience of Calibration, installation, commissioning of switches, pressure gauges, control valves, smart & pneumatic valve positioners, air filter regulators, pressure gauges, AFR's, SOV's, volume boosters, I / P converters, Vibration sensor, Flame scanner
 - Worked on Servo gauges from Enraf Honeywell Tank gauging system with Honeywell service engineer.
 - Installation, commissioning of Rosemount 5300, 5400, 5600 series radars and level trolls

- Familiar with Bentley Nevada System.
- P&ID diagram, Loop diagram & Functional logic diagrams.
- Hands on experience on DRUCK pressure calibrator, BUDDEN BERG dead weight tester, SCANDURA simulator, decade box, multi meters, calibration panels & HART 375, 475.
- Process equipment's such as distillation columns, heat exchangers, boiler, compressors, furnace.

2. Coke Oven Battery Plant

- Company: Jindal Steel Works Limited
- Work location: Dolavi
- Designation: Supervisor
- Responsibilities: Supervision of thermocouple installation and Junction Box erection, Billing of workers.

3. RELIANCE INDUSTRIES LTD

- Client Name: ANI Integrated
- Work location: Patalganga
- Designation: Instrumentation Engineer
- Responsibilities: Preventive and predictive maintenance, Manpower handling for shutdown jobs, material handling, Calibration of mass flow meters, conductivity meters, Rosemount 3051CA/3051CD/3144 calibration and troubleshooting, pressure gauges, pressure switches, on-off valves/control valves calibration and troubleshooting. PLC Siemens-S7 300/400/1200 troubleshooting, loop testing and commissioning, SAP.

EDUCATIONAL QUALIFICATIONS:

- Bachelor of Engineering - Instrumentation Engineering
Passout year - 2017
College - A.C. Patil College of Engineering, Kharghar
University - Mumbai University
Percentage - 58%
- Diploma - Computer Technology
Passout year - 2014
College - Government Polytechnic, Pen
University - Mumbai University
Percentage - 78%

CERTIFICATIONS:

From SMEC AUTOMATION LABS, THANE

- PLC : Siemens, Allen Bradley, ABB, Schneider, Delta, Omron
- SCADA : Intouch, Wincc
- VFD : Schneider Altivar31

From TECHGEN computer training institute, Vashi

- CCNA- CISCO Certified Network Associate

SOFT SKILLS:

- Result oriented and hardworking
- Good interpersonal skills, to maintain customer relationship
- Effective communication skills
- Positive Attitude

PERSONAL PROFILE:

- Address: Pen, Dist- Raigad, Maharashtra (402107)
- Nationality: Indian
- Age: 26
- Marital Status: Unmarried
- Gender: Male
- Language Proficiency: English, Hindi, Marathi
- Hobbies: Reading

Yours faithfully,
(Swapnil Thakur)