

To contribute towards the growth of organization and its success with each attempted endeavors using my expertise in the field of MEP, HVAC and Maintenance Engineering to meet the end user expectation for consistence sustainable mutual growth and success.

Profile Summary

- Electrical System with Transformer, HT Panel, LT Panel, APFC Panel, Utility Panel, Distribution Board, HVAC Panel, Motor Starter Panel, PLC, VFD, VCB, ACB, MCCB, MCB, ELCB, RCCB, Relays and Contractors
- Control System with Integrated BMS and DDC Panel
- Chilled Water System with Chiller, Cooling Tower and Pump; Hot Water System with Pump
- Steam Generation System with Boiler, Chimney, PRS and IBR Piping
- Air Conditioning System with AHU, DHU, CHW HW & DX Manifold Piping, Ducting and Insulation
- Packaged Air Conditioning System with Outdoor and Indoor
- Fire Fighting System with Pump, Hydrant, Sprinkler and Fire Alarm System
- Piping for Refrigerant, CHW, HW, Steam, IBR, Fire Fighting, Compressed Air, Water and Drain
- Clean Room Area Development with Insulated Modular Panel, Door, Riser and Epoxy Flooring
- Clean Room Process Documentation and Validation as per standard guidelines
- HVAC and Electrical Maintenance

Work Experience

Project Engineer

M.K. Precision Metal Parts Private Limited Mumbai (Maharashtra)

Tenure: - February 2016 to
Till Date

Work & Job Responsibility

- Electrical Cable Trays for Cabling of Raw Power Point (Single Phase & Three Phase), UPS Point (Single Phase & Three Phase), Light Point, Distribution Boards, Earthing System and testing of cable by Meggering and Testing of Earthing System by Earth Tester
- Installation of Heavy Equipment's like Transformer, Diesel Generator's, Boilers, Chiller, Chimney
- Building Management System (BMS) for automation of Utility and HVAC System
- Cabling for Telephone, Internet, CCTV, Access Control
- Fabrication of big bore and small bore SS, CS and IBR Seamless pipeline with welding and testing of joints by hydro testing
- CS ERW Piping for AHU Manifold, Chilled Water, Cooling Water, Hot Water, Low Pressure Steam and Fire Fighting Line
- CS Schedule 40 Seamless Piping as per IBR Standard for High / Medium Pressure Steam and Condensate Line
- Copper Piping for Refrigerant Line; CHW & DX Coil Condensate Drain in UPVC, CPVC, PVC and Main Drain Line in HDPE
- SS Piping for Compressed Air and Soft/Purified Water in 304, 316, 316L; Galvanized Piping for ETP & Potable Water
- Ducting in Angle Frame and TDF with VCD and DUCT Heater; Duct Leak Testing as per SMACNA
- Terminal HEPA Housing, Riser, Diffuser and Grille having OBD & collar damper with appropriate filtration & cover grille
- Insulation for Classified & CNC Ducting - Nitrile-rubber & XPLE, for Piping - Mineral Wool, SPF, Nitrile-rubber & XPLE
- AHU with CHW, Hot Water & DX Coil, Dehumidifiers with Steam Coil & Heater, FCU, Air Washer, FDV & FE Unit

- Puff/Mineral Wool insulated Clean Room Modular Wall and Ceiling Panel including Door, Coving, View Panel, Riser Panel
- Epoxy Flooring and Coving with Grinding, Screed and Floor Levelling; Vinyl Flooring with Levelling and Finish
- Checking of contractor measurement as per mode of measurement and standard engineering practice, certification & scrutiny of bill for payment.

Major Project Installation

- Ogiso Life Science Private Limited, Dholpur, Rajasthan
- Alere Medical Private Limited (Now Abbott India Limited) Manesar Gurugram
- Fresenius Kabi Oncology Limited, Gurugram
- Yatharth Super Specialty Hospital, Greater Noida
- Centre for Sight, Dwarka New Delhi

Electrical Operation & Maintenance Engineer
OK Food Private Limited Jabalpur (Madhya Pradesh)

Tenure: - July 2014 to
January 2016

Work & Job Responsibility

- Perform Preventive maintenance & Breakdown maintenance.
- Responsible for budgeting and cost control of maintenance through expenditure tracking, monthly reviews and strict adherence to policies.
- Preparing preventive maintenance yearly schedules and plans accordingly to carry out the Preparing various check list for entire equipment's (Daily, Weekly, Monthly, and Half Yearly, Yearly) and coordination with Electricians & other service provider vendor for breakdown and rectification.
- Ensure Proper Operation and Effective maintenance of Electrical, HVAC, UPS, DG set, Access control, Fire, CCTV, PAC for server room & Building automation systems, Electrical LT& HT panels and Switch gears, APFC panels and other office equipment.
- Fault analysis & rectification by follow-ups with concern vendors.
- To reduce the cost of maintenance of plant machinery and utility equipment.
- Implement the maintenance analysis system such as MTTR, MTBF and machine.
- Availability to help to maintain the TAT for testing.
- Implement the TPM and other maintenance tools for critical testing equipment's.
- Monitor the Energy conservation system and saving.
- Follow and implement the HSE policies and procedures.
- Calibration support to Calibration Team.

Education

B.E in Electrical & Electronics Engineering

Bansal College of Engineering, Mandideep (M.P.) 66.25%
Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal (M.P.) 2013

Class XII

St. Mary's Convent High Secondary School, Kareli (M.P.) 66.80%
Madhya Pradesh Board of Secondary Education, Bhopal (M.P.) 2009

Class X

Smt. Prema Devi Kharya English High School, Kareli (M.P.) 66.66%
Madhya Pradesh Board of Secondary Education, Bhopal (M.P.) 2007

CERTIFICATION

- Associate Member (AM1754133) in THE INSTITUTION OF ENGINEERS INDIA

PERSONAL DETAILS

- Date of Birth : 09th January 1991
- Passport Detail : L4397131 (Valid Up to – 25/12/2023)
- Address : Mr. Salil Badkur Jain,
S/O Mr. Kailash Badkur Jain,
K. K. Paridhan H No. 28 Rajendra Ward,
Main Road Kareli, District - Narsinghpur,
Madhya Pradesh, India, Postal Code – 487221

DECLARATION

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

SALIL BADKUR JAIN