

# SATPAL SINGH



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Seeking challenging assignments in **Operations & Maintenance**

(Location Preferences: All India)

## AN OVERVIEW

- ❖ A competent professional with over **11.8 years** of experience, 6 years in Beverages company on Maintenance & troubleshooting.
- ❖ Working with **Varun Beverages Ltd, Maintenance**. Supply chain and Distribution.
- ❖ Worked on **COE of SIEMENS** at BML University.
- ❖ **Given seminar in NIT's and NTTF on PLC & SCADA.**
- ❖ **TIA PORTAL, Allen Bradley, Delta, Mitsubishi, Omron, Panasonic PLC, and SCADA/HMI.**
- ❖ **Certified Lean six sigma Black & Green belt.**

## PROFESSIONAL EXPERIENCE

**Aug 2023- Working with Varun Beverages Ltd., Gurgaon, Haryana.**

**Plant location: - NUH**

**As Designation: - Deputy Manager (Maintenance).**



### Responsibility: -

- **AMC for the all the utility and all filling machines.**
- **Scheduling to minimize losses by using Preventive Maintenance.**
- **Vendor management, spare parts management, budgeting and control, procurement of critical spare.**
- **Maintenance and troubleshooting at SIPA LINE 600BPM & 300BPM line equipment's, SIPA blow molding, SIPA filler, Kronos labeler, FANUC ROBOT Palletizer.**
- **Working With manufacturing Excellence.**

### Key Result Area: -

- Formulating action plans for correction of repetitive failure through implementing kaizen to reduce the MTBF & MTTR
- Proactive planning of spares required for replacement during PM
- Check list of PM to be made and Reports to maintain after PM
- Systematic approach for problem solving with why-why analysis
- Critical spare part list and maintain stock of c class items with proper stock management
- Improve 6s conditions of Maintenance stores and maintenance areas
- Planning and managing all repair and installation activities, Safety related action closure
- Monitoring continuous availability and usage of plant equipment in order to achieve maximum utilization of machines and other utilities.

## PROFESSIONAL EXPERIENCE

**March 2022- Aug-2023 worked with GULF COCA COLA BEVERAGE, Doha, Qatar.**

**Plant location: - Doha**

**As Designation: - Maintenance Incharge.**

**COCA COLA**



### Responsibility: -

- **AMC for the all the utility and all filling machines.**
- **Scheduling to minimize losses by using Preventive Maintenance.**

- Vendor management, spare parts management, budgeting and control, procurement of critical spare.
- Maintenance and troubleshooting at SIPA LINE 650BPM line equipment's, **SIPA blow molding, SIPA filler, SIPA/SACMI labeler, FANUC ROBOT Palletizer.**
- Working With manufacturing Edge.

#### **Key Result Area: -**

- Formulating action plans for correction of repetitive failure through implementing kaizen to reduce the MTBF & MTTR
- Proactive planning of spares required for replacement during PM
- Check list of PM to be made and Reports to maintain after PM
- Systematic approach for problem solving with why-why analysis
- Critical spare part list and maintain stock of c class items with proper stock management
- Improve 6s conditions of Maintenance stores and maintenance areas
- Adhere and fulfilment of QMS & EHS requirement

#### **Projects: -**

- ❖ Blowing pressure of bottle decreased from the actual pressure.
- ❖ Ozonator PLC hardware modification from older version to new version.
- ❖ Sugar screw conveyor KAIZEN
- ❖ Automatic water control system with electrical valve.
- ❖ FANUC Robot Mastering and troubleshooting.
- ❖ New Model of SCHAFER orbitor/Shuttle commissioning and testing.

### **PROFESSIONAL EXPERIENCE**

**Nov 2017- March-22 worked with Varun Beverages Ltd., Gurgaon, Haryana.**

**Plant location: - Jamshedpur**

**As Designation: - Assistant Manager (Maintenance).**

**PEPSICO**



#### **Responsibility:-**

- Organizing skill level training regarding the problem solving on Industrial automation PLC
- Vendor management, spare parts management, budgeting and control, procurement of critical spare.
- Maintenance and troubleshooting at MS, SS, water (Aquafina), GRB line, and Slice hot fill equipment's, **HILDEN, SIDEL & KHS Filler, HILDEN, Krones labeler, SIDEL, SIPA blow molding, Dynatron, TULA Bottle washer, Dynatron, HILDEN caser/ un caser Machines.**

#### **Key Result Area: -**

Development of Programmable Logic Controller (PLC) programs (Siemens, Schneider, AB, ABB Platforms), Configuring Human-Machine Interfaces (HMI).

Specification of PLC hardware including CPUs, I/O modules, and Bus interfaces, Knowledge of field bus protocols including HART communications, PROFIBUS, and Ethernet, etc.

#### **Projects: -**

- ❖ Done the programming of warmer Machine with Schneider Make PLC and HMI.
- ❖ Done the programming RO with Allen Bradley PLC and HMI.
- ❖ Done modification on Siemens Simotion controller with HMI communication.
- ❖ Replaced new HMI on SIDEL blow molding machine.
- ❖ Programming done for buffer table automation with cooling tunnel interlocking.
- ❖ Programming troubleshooting of CIP system, RO and all the machines.
- ❖ Replaced new HMI on SIDEL blow molding machine.

## PROFESSIONAL EXPERIENCE

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Aug 2016-Oct 2017 worked with Knowledge podium system Pvt. Ltd., Gurgaon, Haryana.  
As Designation: - Automation Expert (Industrial automation and switchgear).  
At MARUTI CENTER FOR EXCELLENCE.

Sep 2015, - Aug 2016 worked with Apron solutions Pvt. Ltd, Noida Uttar Pradesh.  
As Designation: - Technical-manager (Industrial automation).

Jan 2014 – Sept 2015, worked with Cetpa Infotech Pvt Ltd, Noida Uttar Pradesh.  
As Designation: - Team leader (Industrial automation).

Oct 11- Oct 13 with Rashmi Metaliks Ltd (Project, Operation & Maintenance), Kharagpur, West Bengal. As Designation  
(Electrical, ASST. ENGINEER)

July, 11- Oct, 11 with Saluja steel and power Ltd (Maintenance),  
Giridhi, Jharkhand. As Designation (GET)

### Responsibility: -

Provide specific training to Customer and students at university on their current project (i.e. machine operation, programming principles and program structure). Provide industrial training to working professional on specified products like different PLC brands. Provide PLC training to the students on working live projects. On campus training on colleges and working projects. Provide training on panel designing and industrial instruments like sensors. Work under the **Centre of excellence of Siemens at BML University.**

**PLC Programming: -Siemens S7 200, S7 300, Allen Bradley, Delta, Mitsubishi, Panasonic.**  
**SCADA/HMI: -Wonder ware InTouch, RS view32, Win cc, ifix. AC/DC Drives: -MM 440, G120, Allen Bradley, 6RA70, delta.**

An Engineer in Automation; accountable for working on Industrial Automation Project and automating a conveyer.

## INDUSTRIAL AUTOMATION TRAINING

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Industrial Automation training from “Industrial automation training center”

Authorized training center of Siemens (Panchkula).

Handled Testing & Commissioning of:

DOL, Star Delta, RDOL Starters, DRIVE'S (ABB & SIEMENS).

LT & HT motors.

**SCHOLASTICS**

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**2011** B.E in Electrical & electronics engg, Location from M.S Engineering College, Bangalore (VTU).

**2007** XII from S.V.M Bhuli Nagar, Dhanbad, Jharkhand, CBSE.

**2005** X from S.V.M Bhuli Nagar, Dhanbad, Jharkhand, CBSE.

## PERSONAL SNIPPETS

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Date of Birth	: 20 <sup>th</sup> June 1989
Residential Address	: S/O Mahendra pal Singh, B Block Qtr. no. 228, Bhuli Nagar Dhanbad, Jharkhand. Pin: - 828104
Language Known	: Hindi, English, Punjabi