

## SHANTANU DIXIT

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### **Installation- Commissioning-Trouble Shooting-Operation**

4+ years rich experience in delivering optimal results and business values. Proficiency in installation, commissioning, operation, maintenance & troubleshooting of complete packaging lines of pharmaceutical & FMCG sectors. Deft in implementing latest automation tools (PLC, SCADA, HMI, VFD, Servo Drives, etc.) on the shop-floor for complete integrated solution. Rich exposure in implementing TPM tools & Dupont safety systems & procedures on the shop-floor to improve plant & machines OEE & improve workplace safety. Deft in conducting successful **FAT, IQ, OQ & PQ of the new machines.**

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### **Experience**

**NIVEA India Pvt Ltd (An Affiliate of Beiersdorf AG, Germany): Working Since April-2018**

**Position Held: Engineering Executive**

Independently handling complete E2E Operation & Maintenance of Bottle, Tin, Jar, Tube & Sachet Lines from electrical, instrumentation & Automation sides . Overall there are 11 packing lines for packing different SKUs sizes of Crème, Lotion, Face Wash, Lip Balm & Shower Gel. Packing lines consist of Fillers (Make-Hilda), IWK Tube Filling machines (Make-IWK, Thailand) Labelling machines (Make-Pack Lab-Italy, Makro-Italy, Hilda & Maharshi), Depucking units (Make-Hilda), Rotary Capper (Make-Groninger), Shrink Packing machine (Make-Auto Pack, Thailand), Checkweighers (Make-Mettler Toledo), Tapping machines (ITW Signode), Coding Machines (Domino CIJ Printers, LASER Printers & PALM Printers), Vision Cameras (Omron & Cognex), etc.

Handling troubleshooting of various critical components of the packaging lines which include Siemens PLC (S7-1200, S7-1500 & S7-200), Allen Bradley PLC (MicroLogix 1400), HMI (Siemens, Proface & Zenon), VFDs ( Siemens V20, V90, Danfoss & Allen Bradely power flex 50), Induction motors & Servo Drives. Having sound knowledge of electrical panel hard wiring & its troubleshooting. Ensuring trouble free operation of various sensors (photo sensors, Capacitive & inductive sensors, etc.), pneumatic control valves & cylinders & solenoid valves. Ensuring timely Calibration, AMCs of the critical shop-floor instruments & equipments for its trouble free operation (e.g. Checkweighers, pressure gauges , vacuum gauges , temperature gauges, temperature controllers, RTD sensors, lifts, weigh balances, etc.)

Responsible for successful launches of new products & re-launches of existing products (Crème, face wash, shower gels, etc.) on Tube lines, bottle lines, sachet lines, tin lines & jar lines in close coordination with other key stake holders & ensuring that it's first time right (FTR). Ensuring successful installation & commissioning of new machines by adopting proper methodology

***Received Best Debutant recognition from the senior leadership team of the organization***

***Reporting directly to Manufacturing Manager***

**IMA-PG India Pvt Ltd (A Subsidiary of IMA SpA, Italy): Worked from April-2016 To April-2018 (2 years)**

**Position Held: Junior Engineer**

IMA-PG India Pvt Ltd is 100% owned subsidiary of IMA SpA-Italy which is a world leader in the design & manufacture of high speed automatic machines for processing & packaging of pharmaceuticals & FMCG sectors The range of machines include high speed blister packaging machines, tube filling machines, tablet counting lines, Case Packers, etc. **IMA has 39 production plants**

in more than 80 countries worldwide. Pfizer, Alembic, Alkem, HUL, GSK, L'Oréal, etc. are few of the key customers of the company.

During my tenure at IMA I held individual responsibility of packaging machines manufacturing from electrical, instrumentation & automation side. Was responsible for preparation of complete Elect & automation BOMs, Cable charts & troubleshooting of machines hard wiring. **Worked with latest automation tools which included PLC (Siemens S7-1200/CPU1215C), SCADA (Zenon & Siemens), HMI (ASEM & Zenon), VFD (Siemens, Schneider), etc.** to meet machines design criteria. Job included trouble shooting of machines hard wiring, PLC, HMI, SCADA & VFD related issues during machine energization Was Responsible for successful in-house trials, FAT (factory acceptance trial), IQ (Installation Qualification), OQ (operation qualification), PQ (performance Qualification) & PLC validation thus ensuring targeted machines performance at Customer end. Responsible for the verification & validation of elect circuits, I/O list, sensors list, Safety guards interlocks/alarms, VFD parameters, PLC & HMI software & machines performance during the different qualification stages.

**Was directly Reporting to AGM (Elect)**

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### Professional Achievements

- Successfully commissioning of complete counting lines at **M/s Alembic Pharmaceuticals & M/s Alkem Laboratories** having unscrambler, single & twin counters, Desiccant Canister, Cottoner, Servo Capper, Servo motors, Induction Sealer, Retorquer, Labeler, printer & Micro scan Camera (ID40 & Auto Vision), etc.
- Relocation, successful commissioning & vertical start-up of complete Bottle lines, Tube Lines, Tin & Jar lines in new manufacturing area (Project Peacock)
- Successful Installation & Commissioning of high speed rotary Groninger Capping machine, Marko Labelling machine & Jar line
- Successful commissioning of Domino Palm Printers on the lines to reduce inventory of shippers
- Demonstrated 50% reduction in changeover time (from 50 minutes to 25 minutes) on high speed Makro Labelling machine as part of the Manex Target by implementing TPM methodology

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### Academia

#### Educational Qualification

- **B.E. (Elect Engg) with 1<sup>st</sup> Class** from Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV), Bhopal-2015
- **Senior Secondary with 1<sup>st</sup> Class** from MP Board of Secondary Education, Bhopal-2011
- **Higher Secondary with 1<sup>st</sup> Class** from MP Board of Secondary Education, Bhopal-2009
- **Pursuing PGDBM in Supply Chain Management from Narsee Monjee Institute of Management Studies**

#### Certificate Courses

- Industrial Automation Certificate Course from IATC (**Siemens Authorized Training Centre in North India**)
- **Autodesk** AutoCAD Certificate course in 2D & 3D
- Certificate Course in C++ Programming

#### IT Skills

- Fully conversant in MS Office (Excel, Power Point & MS Words)

#### Industrial Trainings

- 4 Weeks industrial training at Bharat Heavy Electrical Ltd (BHEL)-Bhopal, 4 weeks industrial training at Western Central Railway (WCREU)-Jabalpur & 2 weeks Industrial training at M.P. Power Transmission Company Ltd-Jabalpur

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### Personal

Date of Birth: 23-03-1993 (Twenty Third March Nineteen ninety three)

Fathers Name: Sanjay Kumar Dixit

Marital Status: Single

Languages Known: Hindi & English

Expected CTC: Negotiable

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