

Karan Pal Singh

Mechanical & Automation Engineer

BASIC INFORMATION

Nationality	INDIAN
Birthplace	DELHI
Living in	GUJRAT
Birth date	27.03.1992
Gender	MALE
Civil status	SINGLE

CONTACT INFORMATION

	CONTACT No. 7388891959
	Near Jim Corbett park, Ramnagar, Nainital Uttarakhand
	E-Mail ID karan.s.khaira@gmail.com

LANGUAGES

- English(Read/Write/Speak)
- Hindi (Read/Write/Speak)
- Punjabi (Speak)
- German (Elementary)

PROFILE

Offering 4 years of experience as professional engineer in manufacturing industry to catapult productivity to more than 95% from any type of machines. Successfully built a career through aggressive application of Logical, Systematic & analytical skills.

A strong team member; able to motivate and train other members.

Able to achieve optimal production rates while maintaining safety methods & practices.

Fullfilling administation requirements from field activities,documentation to communication be

Strong interpersonal skills; interface effectively with coworkers, management, clients and auditors. Excel in hectic and troubleshooting environment

PROFESSIONAL EXPERIENCE

Dec-17 **Senior Engineer, Maintenance** **Adani Power Limited**

MAJOR RESPONSIBILITY

- Responsible for TPM activities & Electrical/ mech. breakdown troubleshooting of Stringer,ABB robot, Laminator, Framing,JB fixing,buffering etc machine's
- System upkeep with regular preventive & predictive maintenance(plan & track)
- Managing a team size of 10-15 (Engineers, GET,DET, skilled operators)
- Experience in executing field product's performance (Repair,maintain & diagnose)
- systems backup planning and update on regular interval.
- Preparing data such as MTTR,MTBF, RCA, Daily b/d report and analysis of data
- Maintain checksheets & display board,daily meeting, SQDCM board
- Preparing shift schedule, P.M schedule and spare parts review list.
- Actively Promote safe working culture as per various industrial standards

TECHNICAL SKILLS

Fabrication	Drilling, lathe,buffering,grinding,slotting machine
Pneumatics	Pneumatic circuits, vacuum pump overhauling, Cylinder overhauling, DCV,FCV,solenoid valve,regulators overhauling
Instrumentation	Replace,troubleshoot and install various types of sensors
Motors	Overhauling of various motors & its driven parts (blower,fan,gearbox)
Metrology	Hands on experience of tools & calibrations according to conventions
SwitchGear	Knowledge of Relay, Contactor, Circuit Breakers,fuses
Drives	Schneider, delta,panasonic, (Selection criteria, Working, Controlling).
HMI	Operating & communication (beckhoff,Proface, Delta, Allen bradley)
Mechanics	troubleshoot,overhaul,rectify and replace bearing,gears,belts, shafts,chains and other mechanical mechanisms

June15- **Engineer, Maintenance & Service** **ITW-Signode India Limited**

- Dec 17
- Perform Installation, start-up, commissioning and test of the packaging machine & related equipment supplied to customer sites
 - Perform technical assistance during and after the warranty period, carry out training and other after sales
 - Industrial drawings(mech/electrical/pneumatics) read, interpret & drawing ability
 - Implementing TPM on machines at customer site & hand over in record time
 - Managing a team of 12 people (GET's , Machine operators and skilled labor)
 - Plan, Execute, Track and documentation of first 7 stages of TPM at machines (5S, Maintenances, continous improvements, spareparts inventory list, training, implement safe working culture, regular monitoring & handling daily, monthly and weekly meetings)
 - Goal of achieving & maintaining SLE of coca-cola PET line (SLE>95%)

INSTALLATION SKILLS

Mechanical	Alignments, Load testing, Bolt & grout tensioning, Dimensional control, Fabrication processes,conveyor & its belts adjustments, Drawing to actual work.
Electrical	Visual inspections, Insulation testing, earthing testing, heat tracing.
Energy source	Pneumatics installation (FRL check, solenoids, FCV, DCV install & testing
Calibration	Equipments (Robot, heating devices, Encoders, conveyors, etc)
Troubleshooting	All mechanical equipments, Sensors, pneumatic equipments
handover	SOP's, daily & monthly checksheets, recommend spare parts list
commissioning	safety inspection,System breakdown SOP, Budget preparation,checksheet prep

Industrial SKILLS -Maintenance (TPM) -Mechanical Engineering -Solidworks 13, Auto CAD - Pneumatics/electronics/ electrical troubleshooting -Problem solving oriented -Knowledge about industrial standards - Install,modify, teach robots (articulate,SCARA,linear robot) - Lean Manufacturing team member -Inventory Management -Team Building & Training -Documentations	May14 - Apprentice, Quality Assurance Voltas Limited May15 - Maintaining First Time Right (FTR>92%) - Analysing & controlling Field Failure Report (FFR) - Rejections reduced by 16% in assembly line. - Assembly line standardization by work-time study method. - Monitor & regulate psychrometric labs for commercial refrigeration product.
I.T SKILLS -MS Office (Word, PPT, Excel,Outlook) -SAP(Plant Maintenance) -IPC and HMI based m/c -PLC environment - Windows & Internet based Environment	PROFESSIONAL CERTIFIED COURSES/EXPERIENCES 2018 - ABB certified Basic Robots Trainings (Articulate/SCARA/linear) robot installation, troubleshooting, teachings & modification 2014 - Certified course in Behavioural Science & Communication skills 2013 - Auto CAD (drawings aided through computer) Industrial drawings course(draw,edit,understand and act on drawings) 2012 - Hindustan Aeronautics Ltd. Manufatring of helicopter parts (lathe and CNC machine working) 2012 - Magna-Rico Powertrain Ltd. Automobile parts manufature (pneumatics testings & CNC) PERFORMANCE HIGHLIGHTS @Adani - ABB robots certified course completed & worked on 6 robots regularly - Member of ERP-SAP of plant maintenance team - EHS(environment-health-safety) training completed & certified supervisor - Preparing & analsing data: Availability, performance and loss tree - Prepare, discuss and plan to achieve OEE with full team support - Implemented TPM strategies (5S,CLTI, Maintenance schedule:PM-PdM breakdown, SQDCM chart preparation, educating & training operators, EHS compliance:LOTO-PPE-m/c gaurding, Kaizen activities. @Signode - Installation & commissioning of TCO Dasna robotic machines. - Interviewed, trained & evaluated team of operators for machine utilization - Nominee of Star-Team of the year for erecting, commissioning and achieving targets continuously. - Met goals in maintaining cost effective levels of spare parts utilization - Implementing 8 pillars of TPM & preparing data for OEE achievement. - Holds the distinction of achieving SLE >95% for 11 months in a yr. - Installed and gave AMC's to other TCO lines ex.Coca-cola-Pune, jaipur Ahmedabad, Baxter pharmaceuticals Gurgaon. - Recognized for getting Incentives regularly based on performance. INTERESTS & Personal SKILLS - Music - Movies & serials - Bike riding - Traveling Experience - New technological devices - Calm & logical thinking - Creative thinking - Communication skills(certified course) - Team building capability - Systematic & organised work culture

DECLARATION:

I, hereby declare that the above statements made are complete and true to my knowledge and belief.

Date:

-Karan Pal Singh

Place: Mundra-Kutchh