



# PUSHPENDRA LAKHERA

Maintenance Senior Engineer

Experience - 11 Yrs.

## CONTACT



+91 9284442083



Pushpendra.lakhera85@gmail.com



Ramlakhan Lakhera Deori  
kalan, Tahasil rithi dist. Katni  
MP.  
[www.linkedin.com/in/pushpendra-lakhera-3936a4a5](https://www.linkedin.com/in/pushpendra-lakhera-3936a4a5)



### Expertise:

Operation & Maintenance  
Facility Management  
Electrical testing Analysis  
Documentation & Reporting  
Audit & Compliance  
Electrical Design & Drawing  
Sustainability

### KNOWLEGE AND SKILLS

Lean Manufacturing Techniques  
(Kaizen, poka-yoke, 5'S, VSM, SMED, KPI, ANDON).

Working using SAP, T- code for maintenance work All material stock: - MB52, PR create: - ME51N, ME52N, ME53N, PO: - ME21N, For PM IW-39, IP41, IP43, IPO2)

LOTO-8 (LOCK OUT TAG OUT) and 8D (EIGHT DESIPLINES) based on PDCA

Aware about technology IIOT, IOT, 4IR, M2M, I4. O, MES Current organization using this technology via SCADA and ANDON System 4.0

Using methodical approach for identification of risks (RPN = S\*O\*D) and failure by MFMEA Analysis, Follows 7-STEP of FMES for address problem & their resulting effects.

Basic of c & c++, PLC, Hydraulics and Pneumatics.

## Objective:

Dedicated individual with vast knowledge and experience in the field of engineering. Currently looking for a Electrical engineering job position in an organization where ability to measure the efficiency of electrical & mechanical tools for proper functioning will be utilized. Apply and contribute engineering knowledge to fulfil company's objectives in their engineering development.

## EXPERIENCE:-



Casting End-to-End Solutions

JAYAHIND INDUSTRY PRIVATE LIMITED since 22<sup>th</sup> February 2019 to till

### Designation- Senior Engineer

#### Roles: -

- ❖ Programming , Operation and troubleshooting of Press Lines , EOT cranes
- ❖ Diagnosis & trouble shooting of PLC & HMI logic. (S7-300 PLC & Mitsubishi PLC)
- ❖ Operation ,troubleshooting & diagnosis of Robots
- ❖ Diagnosis & trouble shooting of VFD- Profibus communication. (SEW / Mitsubishi / Siemens)
- ❖ Improvement in MTTR & MTBF by implementing proactive Kaizens
- ❖ Reduction in Spares cost & spares consumption by systematic approach and timely availability
- ❖ Execute & improve effectiveness of PM,TBM,CBM activities on equipment
- ❖ Monitor & maintain the power consumptions as per the targets
- ❖ Maintains PLC , HMI, VFD s & PC based machines Back-ups systematically
- ❖ Ensuring Equipment Safety/Statutory check and Calibration check
- ❖ Improve equipment reliability and uptime by Innovative Kaizens
- ❖ Activities related to energy saving and man power reduction, reducing the fixed cost.
- ❖ Responsible for various development activities on shop floor.
- ❖ Responsible for Why-Why analysis of all issues (maintenance and safety) and its correction.
- ❖ Responsible for Inventory and Spares management of Department.
- ❖ Responsible for Energy saving (Compressed air, Power packs and Melting furnace).
- ❖ Project activities supervision (fabrication of plant related materials).
- ❖ Preventive maintenance activities and daily breakdown of all shop floor machines.
- ❖ Member of Safety team of Plant (Safety related problem, rectification and correction).
- ❖ Working towards productivity and machine improvements through (KAIZEN activities, 5'S and POKA-YOKE, Suggestions).
- ❖ Working in all 3 shifts and Handling of Shift as Shift Supervisor.
- ❖ Responsible for Improvement activities at Fettling areas.
- ❖ Maintenance and PM activities of WOLLIN (PSM-2, 3, 4) spray machines.
- ❖ Maintenance & PM activities of HPDC (CARAT 4400 Ton, BUHLER-3200T (Evolution), B2200T, B1400T, B850T, CARAT-2800T, C2500T, C2200T, C1800T, C1400T, MW-2500T, MW1450T, MW850T, IDRA OL-1600T, OL-900T) Automated lines.

## SKILLS: -

Responsible person  
Positive thinking  
Self-motivated  
Creative & Eager  
Keen learner  
Research & Strategy  
Decision Making  
Emotional Intelligence  
Problem Solving  
Communication Skills  
Strong attention to details  
Willing to continue learning about new technologies  
Work Ethic  
Multitasking  
Proactive

- ❖ Maintenance and PM activities of ABB ROBOTS (IRC5 and S4C<sup>+</sup> controller) used.
- ❖ Maintenance and PM activities of SHOT BLASING Machines.
- ❖ Maintenance and PM activities of FURNTECK and STRIKO melting furnaces.
- ❖ Maintenance and PM activities of Degassing and Preheater machines.
- ❖ Maintenance and PM activities of fully Automated Quenching tank & Dot Matrix machine.
- ❖ Maintenance and PM activities of TRIMMING PRESS machines.
- ❖ Maintenance and PM activities of Striko westofen DOSING furnace machines.



**AURANGABAD ELECTRICAL LIMITED Since 23<sup>rd</sup> Oct 2017 to 10<sup>th</sup> February**

**Designation -Engineer**

Sambhaji nagar, maharashtra, india

### Roles: -

- ❖ Maintenance and PM activities of BUHLER 840T (HPDC) Ecoline, Ecoline Pro, Ecoline S Pro,
- ❖ Make preventive plan (machine condition priority) according MTBF, MTTF analysis.
- ❖ Manpower shift schedule making according to PM plan and project plan.
- ❖ Technical Training to manpower for short time kill breakdown.
- ❖ Making electric data kg per machine, unit per kg.
- ❖ Managing inventory critical spare min max.
- ❖ My total experience in the various fields of Electrical maintenance Break down analysis.
- ❖ Handling independently breakdown's in the plant.
- ❖ Maintenance and PM activities SHOT BLASING machine make surfex and Pricut E.
- ❖ Maintenance and PM activities of ABB ROBOT Type IRC5 M2004 Single.
- ❖ Maintenance and PM activities of WOLLIN Auto spray machines type PSM 2.
- ❖ Maintenance and PM activities of HPDC Automated lines and Electric furnace.
- ❖ Maintenance and PM activities of FURNTECK, Skelner and Electric melting furnaces.
- ❖ Maintenance and PM of KROWNEMATIC DOSING furnace capacity 900 kg ,22kw (holding and auto pouring furnace) and Degassing machines.
- ❖ Maintenance and PM of TRIMMING PRESS machines ELECTRO PNEUMATICS AND SUNNY TRIMMING MACHINES capacity 45T
- ❖ REGLOPLAS AUTO HEATING COOLING UNIT, 41.7kw Temp 300 °C type 300LD/20/FM/65/1K/RT100 PM and Breakdown maintenance.
- ❖ Maintenance and PM activities Auto Vibro Washing machines

### UTILITY SECTION:-

- ❖ Maintenance and troubleshooting of 33kv/440 Electric substation along with vacuum circuit Breaker (Crompton Greaves) in the capacity of 3000 KVA and Volt amp make 33000/440V Transformer in the capacity of 3000 KVA along with RTCC panel.
- ❖ Maintenance and PM activities of UNIVERSAL Make DG. Set.
- ❖ Maintenance and PM activities of Automatic Power factor panel of 1462Kvar.
- ❖ Maintenance and PM activities of Solar system 400 KW make delta.
- ❖ Maintenance and PM activities of Compressor set 75 GA+ make Atlas Copco.
- ❖ Maintenance and PM activities of Electomac EOTC CRANES Capacity of 10/5 TON.
- ❖ Maintenance and PM activities of Cooling tower make advance cooling.
- ❖ Maintenance and PM activities of Water softener pump type KDS-844 ++.
- ❖ Maintenance and PM activities of Air dryer Fxe 16 make Atlas Copco.

### FUNCTIONAL KNOWLEDGE

- ❖ Handling HMC (**MAZAK**) machine breakdown.
- ❖ Handling VMC (**BROTHER AND FANUC**) machine breakdown.
- ❖ Handling MULTISTAPE (**MIKRON**) machine breakdown
- ❖ Handling ATEQ Leak testing m/c machine breakdown.
- ❖ Handling Washing (**DURR make Schenck Rotec India Ltd**) machine breakdown.
- ❖ Dr. WIENER LEAK TEST MACHINE , Maintenance and PM activities

## AURANGABAD ELECTRICAL LIMITED A CIE AUTOMATIC GROUP :- KAIZENS

### **A) Energy Savings Kaizen-**

USING AUTO CUT SYCRONUS TIMER  
MACHINE STOP IF IT IDLE MORE  
THAN 6 M

➤ Horizontally employment  
done in 5 Nos HPDC machines  
Saving 44 unit per day  $44 \times 5 = 220$

Saving = 54,560/- per month  
Total saving = 6,54,720/yr

➤ Horizontally employment  
done in Trim press m/c Saving  
31 units per day

Saving = 8370 Rs per month  
Total Saving = 100440/Annum

---

## ALICON CASTALLOY LTD :- KAIZEN

### **A) Kaizen in Sand magazine-**

- Sand leakage between sand  
magazine and top bush.
- Diaphragm break due to  
high pressure up to 5  
 $\text{kg/cm}^2$
- **Total Savings Rs 28,560  
per month and 3,42,720  
per year.**

### **B) Kaizen in Energy Savings-**

- Minimizing Heat Loss in  
LPDC Furnace from Metal  
exposed area covered by  
cerewool (Heat Insulation  
material).**Total Savings Rs.  
Mn. 2.22.**



Sunalco Alloys Pvt Ltd.

(Jun/2017 - 21<sup>th</sup> Oct/2017 Mumbai city, India)

### **Sunalco alloys pvt ltd**

#### **Designation- Senior Engineer**

*Thane Mumbai city, India*

##### **Roles:-**

- ❖ Planning of Preventive Maintenance as per production department plan As well terminations to PLC system, ladder logic testing, commissioning and design of total project engineering.maintain SOP & safety procedures like work permit system.
- ❖ Risk & issues management, quality checks & change management.
- ❖ Installation & commissioning of field instruments like control panel assembly, Sensors, PLC, SCADA system, cabling.
- ❖ Project communication, check points meeting, project board meetings & communication plan.
- ❖ Maintenance & repair of pneumatic machines, and ACdrive and hydraulics machines.
- ❖ Maintenance and troubleshooting of 33kv/440 Electric substation along with vacuum circuit Breaker (Crompton Greaves) in the capacity of 3000 KVA and Volt amp make 33000/440V Transformer in the capacity of 3000 KVA along with RTCC panel.
- ❖ Maintenance & repair of UNIVERSAL Make DGSets and Kirloskar Transformer.
- ❖ Maintenance & repair of Automatic Power factor panel of BLR CX power factor regulator make power quality.
- ❖ Maintenance & repair of Solar system 400 KW make delta.
- ❖ Maintenance & repair of Compressor set 75 GA+ make Atlas Copco and Air dryer Fxe 16 make Atlas Copco.
- ❖ Maintenance & repair of Electomac EOTC CRANES Capacity of 10/5 TON.
- ❖ Maintenance & repair of Water softner pump type KDS-844 ++ and Cooling tower make advance cooling.



**ALICON CASTALLOY LIMITED**

alicon group company

*July/2014 - June/2017 PUNE city, India*

### **Designation -Electrical Engineer**

##### **Roles:**

- ❖ LPDC and GDC machine maintenance.
- ❖ Energy Saving projects on Heat treatment Furnaces, Melting Furnaces, Core shooters and LPDC holding furnaces.
- ❖ TPM projects involving (safety, maintenance, cost, productivity etc.).
- ❖ Preventive, Predictive and Breakdown maintenance.
- ❖ Preventive Maintenance of crane, Sand Hooper's, Casting Gate cutting machine.
- ❖ Why-Why analysis of all issues (maintenance and safety) and its correction.
- ❖ Data collection, analysis and presentation for Energy, maintenance, and safety related activities.
- ❖ Maintenance of Low pressure die casting machines, GDC machines, Power packs, Compressors, Core machines, Heat treatment, melting furnaces, Shot Blasting machine, Cooling towers etc.
- ❖ Installation and commissioning of LPDC m/c, Heat treatment Furnace, Core machine.
- ❖ Planning and supervision of all project work (civil, fabrication, all cold and hot work).
- ❖ Spare management for machines material and project related work.
- ❖ Operation and maintenance of RO plant and sewage treatment plant.
- ❖ Hydraulic system and CNC Machine maintenance & Utility maintenance.
- ❖ Perform the Load Lists, Cable schedule, I/O Schedule, Single line Diagrams, Meter and relay diagrams, Schematic Diagrams, equipment layouts and sizing calculations

## ACHIEVEMENTS

- Training on Preventive, Predictive and Breakdown maintenance at FORCE MOTORS.
- Training on time management at FORCE MOTORS.
- Participated in **Fire Fighting and Safety** training & Managing inventory critical spare min max.
- SAFETY POSTER COMPETITION **FIRST PRIZE WINNER** IN JHI COMPANY TWO TIMES

## TRAINING IN JAYA HIND INDUSTRIES

- STATISTICAL PROCESS CONTROL
- 7 TOOLS OF PROBLEM SOLVING
- Energy Management system ISO 500001 Awareness
- KAIZEN

## HOBBIES

- Listening to music  
watching movies  
travelling to new places  
Make new friends

## Education: -

### **Bachelor Degree in Electronics & Communication Engineering**

*Radharaman Engineering collage (RGPV University)*

#### **Courses**

Graduation -B.E(EC):- 72.30%

*2010-2014 Bhopal, Madhya Pradesh, India*

#### **Intermediate**

*Maharshi Dayanand Arya school MP State board*

*2010 Rewa city MP, India*

#### **Courses**

12th/MPSB/ 53.40%

#### **High School**

*Maharshi Dayanand Arya school (PMSB)*

*2008 Rewa city MP, India*

#### **Courses**

10th/MPSB/ 54.60%

## Industrial Training & Certification

### **V Educate Pvt Limited**

*Got PLC & Scada training about all types PLC and ladder diagram, Scada working process & plc panel control wiring and issue analysis & rectification process.  
Six-month training course.*

*2015-2016 Pune, Maharashtra India*

### **Institution of Electronics & Telecommunication Engineers (IETE)**

*Practical training on machine making process like ATM m/c and many more and PCB board making and design process. 16-20 march 2013, Mankapur UP, India*

### **Centre for Research and Industrial Staff performance**

*Practical training on PLC programming and application working process in CRISP as major project .  
17-06-13 to 05-07-13, Bhopal, India*

### **SHARMA COMPUTER ACADEMY (CERTIFICATE OF EXCELLENCE)**

*Five months practical training done on C and C++ programming and application.  
10-08-12 to 30-12-12, Bhopal, India*

### **DESIGN & STUDY OF TECHNOLOGY ARENA BHOPAL**

*Practical training and workshop on Embedded system & Robotics.  
29-04-13 to 02-05-13, Bhopal, India*

### **ELECTRONICS MANIA Tech-Fest**

*Robotics workshop Practical training completed on collage one week.  
01-08 Dec-13, Bhopal, India*

## PERSONAL INFORMATIONS

**Name** : Pushpendra Lakhera

**Date of Birth** : 3rd Jun, 1989.

**Father's Name** : (Late) Mr. Ramlakhan Lakhera.

**Mother's Name** : (Late) Mrs. Siyaranee.

**Nationality** : Indian.

**Passport No** : Z263809

**WhatsApp, call** : +919284442083

**Language** : English, Hindi, Marathi, Bundelkhandi

## DECLARATION

*I do hereby declare that the information personal and professional, mentioned above are correct and true to the best of my knowledge and belief.*

**Date & Time**

**Pushpendra Lakhera  
(Applicant)**