

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/push-
pendra-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 22th 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

KAIZENS

JAYA HIND INDUSTRY LTD

- Belt grinder auto cut off circuit made, Saving 10 unit per day 12 M/C
TOTAL= 36000/m = 432000/Yr.
- DCM machine getting idle due to dosing furnace Metal level low breakdown, because of no visualization in melting area, METAL LEVEL INDICATOR Provided: -
Total BD reduced = 5400 Minutes/months.
- Using Bend saw m/c online casting runner cutting in auto mode with robot by using robot output made electrical circuit
TOTAL SAVING 5,40,000/- PY
- Chip conveyor (M/cs peripheral) continuously running hence energy loss, i.e. it will remain ON made off
TOTAL ENERGY SAVING = 85363/-
- vacuum units 5.5 kw peripheral continuously running when main m/c idle for any breakdown so interlock done from main m/c
TOTAL SAVING = 23,47,488/- PY

- ❖ Maintenance and PM activities of ABB ROBOTS (IRC5 and S4C+ 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 23th Oct 2017 to 10th February

Designation -Engineer

Sambhaji nagar, maharanshta, 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 Pricicut 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 1462Kvr.
- ❖ 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 softner pump type KDS-844 ++.
- ❖ Maintenance and PM activities of Air dryer Fxe 16 make Atlas Copco.

FUCTIONAL 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*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
kg/cm²
- **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 -21thOct/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 AC drive 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 DG Sets 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 COMPTITION **FIRST PRIZE** WINNER IN JHI COMPANY TWO TIMES

TRAINING IN JAYA HIND INDUSTRIES

- STATISTICAL PROCSS 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

2010-2014 Bhopal, Madhya Pradesh, India

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

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, Maharastra 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 (CIRTIFICATE 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 weak.

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)**