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Objective:

To obtain Maintenance Tech/ Engineer position on 120-480Volt Ac PLC Base industrial machinery repaired down to components label, Complete dismantle machine as per OEM speciation on Electrical, Mechanical and Pneumatic sites

Major Task and Industries work:

Maintenance/ Testing-Troubleshooting/ Calibration/ Up Gradation and Retrofitting related to Mechanical, Electrical and Pneumatic Control Systems repaired on Production base machinery, E-commerce Distribution machinery, Auto Assembling machine, Food processing and Aviation industries

Responsibility:

Install, troubleshoot, repair and maintain production and facility equipment according to safety and have strong organizational and time management skills with the ability to perform in a fast-paced environment with competing priorities and deadlines

Equipment is handling on Daily Basis:

Wide variety of Conveyor, Case Erector, Carton Sealer, EQ cold seal, Thermal Print Engine, Print Applicator and different types of Sick Scanner and Bar code reader to read Bar code of the product, and HP laser printer use for label printing

Various Maintenance Systems

Mechanical Maintenance: Preventive Maintenance, Cleaning, Lubrication, Tolerance Checking, And Current Measurements As Per Machine Specification; Adjusts Functional Parts Of Devices And Control Instruments By Using Hand Tools, Levels, Replacement Roller, Bearing, Belt, Gear Box Servo Drives And More As Required.

Electrical-Electronics and P L C Maintenance: 110-480V AC Control systems, AC/ DC Regulation, SCR Drive control, Regulated-SMPS Power supply, AD-DA Converter, 24-48-volt DC Power Supply, AC-DC Drive, AC-DC Motor, VFD Control, PNP/ NPN Sensor, Electrical control systems, PROFIBUS DC Supply control for 24V DC-48V DC MDR(Motor drive roller)

Pneumatic Maintenance: Monthly PM, Pneumatic Control Solenoid (Simple-Complex), Cylinder, Power Supply, Clean, Calibrate, Replacement of Shaft, Gasket, Airline, Multiple Combine Complex Solenoid

Work Experiences:

Ryder, N j, Lead Maintenance Engineer Aug 2016 till to date (Intelligrated and Wynright Technology)

Induction Conveyor for shorter space, photo eye maintain equal gap of cartons, run by VFD control. Belt conveyor CSC Slider bed belt conveyor, replacement of belt, lacing, under net roller

Gravity Conveyor roller conveyor run by V belt; Photo eyes operated Line Roller Conveyor also called air transportation systems. The photo eyes accumulation of conveyor activated in each zone by photo eye sensor to maintain equal gap of carton

V belt conveyor single belt used to drive number of roller; belt are situated under the roller drive by motor 30-degree 90 degree and 180 degree Turn Belt conveyor-power belt curve conveyor

120AC with DC Brush motor Powered extendable conveyor, Multi-belt sorter conveyor solenoid with 30 degree pop up wheel divert for automatic belt tension control by pneumatic air solenoid

30 Degree pop up wheel divert multi directional capabilities, lift or pop-up of carton, when it passes through shorter belt control by forward and reverse base pneumatic solenoid

Dematic Inc., New Jersey Tech 4, Contract jobs Feb 2014-Aug 2016 (Siemens Technology)

480 VAC VFD control conveyor L, U, S shape roller conveyor Allen Bradley 500/ 550/ 5000 diagnostics and troubleshooting, Fiber Optic Sensor (PNP & NPN), Laser Optic Sensor, Reed Switch, Float Switch

Vision Sensor, Proximity and Vision Camera, 24v DC To 48v DC Motor Drive Roller Control By PROBUS , Dual Motor Controller (DMC) With Pneumatic Break. DC/ AC Drive, AC/ DC Motor

Stepper Motors, Sick Bar Code Used For Product Identification And Robotic Vehicle For Cells Lifts, Carton Conveying Equipment, Pallet Conveying Equipment/ Vertical Lift Used For Automated Distribution Center

Spiral Elevator 4 Discharge Configurations, Inline, 90 Degrees, 180 Degrees, 270 Degrees Vertically For Automation Product Line, Replacement Roller, Bearing, Belt

Centrifugal Discharge Elevator, Positive Discharge Elevator, for Automated Distribution Center. Automated Multiple Pickup Elevators Shipping-Receiving Operation, Dematic Automated Storage and Retrieval System.

Southco Inc., Glen Mills, Pa, Contract jobs
May2011-Dec 2013
(Toshiba Robotics Technology Japan)

Auto Assembling Machine, 360-Degree Rotation Plc Based 220-480 VAC, 12 Steps 8 Steps And 6 Step Pickup Stations, Rejection To Finish Product

Microprocessor Based Material Dryer 220ac/ 24vdc, Maintain PH Of Material, Replace Bad Logic PCB, Forward/ Reverse Contractor Of Motor, Calibrate Temperature Controller

Injection Molding Machine Heater Replacement 1, 2, 3, 4/ Bad Thermocouple/ Logic Control PCB/ Heater Rewiring Also 24/ 12-Volt DC Power Supply. Fluid Temperature Controller To Maintain Mold Temperature 110/ 220 VAC

Gripper Elevator, Infeed Elevation Of 36" And Discharges Them At A 96" Elevation or a Higher Elevation Horizontal Directly Discharge To Conveyor

Myron manufacturing company,
Maywood, NJ,
Business Closed
Dec2007-March2011
(Unilever Technology UK)

Juice Filling Machine 598 Cup/Minute, operated by Allen Bradley 5000 PLC with HMI, Metal Detector, Vibration Control Bottle Mover

Different Size Bag Filling And Sealing Machine, Bucket Conveyor, Funnel Type Cheese Filling Machine, Case Packer Folder, Plc Base 480 VAC, Box Open Material Goes Inside, Closed From Top & Bottom With Hot Glue Operation Sealing

Switchback Group Collator With 4-Lane Conveyor Facility With Four Stages From Collecting The Cup To Final Wrap, Both Side Labelers 82 BT L/ Min. Label Head Wrap With Eight Different Speeds and Horizontal Shrink Wrappers And Box Maker For Industrial Application

Advance Aviation Inc. Miami, FL, Changed Job
Jan 2003-Oct 2007
(Boeing Technology U S)

Auto Pilot, Auto Signaling, Engine Room Digital Controller, Cockpit Light Control, 2094 ASL PCB and Leak Detector Ra20db to 97db, Flight Units and Aircraft and Navigation Equipment

Infrared Camera and Integrated Weapons System, Automatic Counter Measure Alert Control PCB, Auto Navigational Control PCB

Kitchen and hospitality equipment's

440 Volt PLC/ VFD based Industrial/ Commercial laundry/ Microprocessor based Deep fryer, AC/DC operated of different equipment made by European company and US. Dishwasher & glasswasher machine- rice boiler- tilting pan- fry top- electric burner, Hot cabinet, Rotating oven- proffer- Dough sheeter- Dough divider rounder- Deep fryers , Commercial Grills / Griddles- Steamers- and Steam Kettles- Toasters and Breakfast Equipment- Commercial Microwave Ovens- Commercial Pizza Ovens- Commercial Mixers and Accessories, Insulated and Heated Food Pan Carriers

Maintenance of Various Equipment's:

Refrigeration, Air Conditioning, Heating Units, Heat Pumps, Hermetic Compressors, Light Commercial Furnaces, Burners, Intake and Exhaust Fans, Economizers and Humidifiers

Switch boards/switch gears, UPS's, pumps, motors, VFD's, and building automation systems. Diagnose and repair electrical issues including sensors, relays, servo systems, motor controls

Device Net, Ethernet and Pro bus Troubleshoot robot PC and programing of temperature controllers, heaters, RTDs, Wiring and troubleshooting of AC/DC 24 – 480 volts.

Project Management:

Industrial Automation / Control Systems Integration experience, Experience with HMI/SCADA packages such as: iFix, Rockwell FTView, Wonderware

Good Manufacturing Practices (cGMP) and Good Automated Manufacturing Practices (GAMP), Working knowledge of process systems and continuous processes

Education/Training:

B S in Electronics Engineering, College of Engineering & Technology GPA 4.6

Certification on P L C Based Equipment. Stevens Institute Of Technology, NJ, GPA 3.7

References Are Available: By Request