

Skills and Pre-requisites:

- With certain knowledge of statistical software packages, statistical and data management methodologies.
- A high degree of written and oral communication skills.

Duties and Responsibilities:

- Develop new or improve existing test methods and standard operation procedures (SOP) to solve technical problems.
- Conduct tests on raw polyolefin materials or finished products to ensure their quality.
- Analyze product failure data and laboratory test results to determine causes of problems and develop solutions.
- Perform the material characteristics analysis on the product quality to update product specification.
- Prepare calibrators and quality controls to ensure accuracy and quality of the test results.
- Interact with product coordinators to ensure Quality Programs are both implemented and effective.
- Support the trials of new product development and existing product quality improvement.

Skills and Prerequisites

Required

- AutoCAD drawing skills
- Microsoft Excel, Word and PowerPoint
- Able to read and understand electrical schematics

Desired

- Understanding of industrial electrical control circuits

Duties and Responsibilities

- Support CFP Maintenance Department with documentation
- Assist engineers to collect the related training material and prepare the training manuals
- Assist CFP Maintenance Department with electrical/mechanical drawings and filing

INTEPLAST BOPP

MAINTENANCE & EQUIPMENT JOB DESCRIPTIONS

Title: Mechanical Engineer Intern

Reports to: Maintenance Manager / Electrical Maintenance Supervisor / Mechanical Maintenance Supervisor

Department: Maintenance

Job Category: N/A Work Program/Student

Job Grade: N/A

Cost Center: 0012, 6101, 6012, 6013

I. Positions reporting to this position

None

II. Position Objective

To provide operations with timely and efficient equipment maintenance / calibration through the work order process including the use of accurate recordkeeping, standard operating procedures, and training at all stages of the process and identifying / correcting mechanical/ electrical issues in assigned areas while maintaining a clean, safe, and efficient work environment

III. Qualifications

- Student enrolled and pursuing four-year degree in Mechanical Engineering
- Good oral/written communication skills
- Good analytical and planning skills
- Good computing skills

IV. Training

All compulsory plant / site training programs (ISO, Operations, Product Safety, Safety, etc.)

V. Authority / Decision Making

None

VI. Duties / Responsibilities

A. Job Tasks / Duties

1. Provide technical support to Maintenance and operations regarding equipment troubleshooting / repair
 2. Prepare upgrade / modification programs from cost estimates to completion
 3. Assist with equipment upgrades / modifications / installations; maintaining accurate records of activities
 4. On call as necessary
 5. Any additional duties deemed necessary by Maintenance Manager
 6. Strive to achieve company goals / departmental objectives
 7. Comply with company recycling policy
- B. Comply with all Plant Safety and Product Safety requirements

MAINTENANCE & EQUIPMENT JOB DESCRIPTIONS

B. Machines, Tools, Equipment, Electronic Devices, Software

1. Personal computer
2. Microsoft Office
3. Copier / Scanner / Printer
4. Phone

C. Physical Activity Required for this Position

1. Climbing, ascending or descending ladders, stairs, scaffolding, ramps, poles and the like, using feet and legs and/or hands and arms. Body agility is emphasized.
2. Balancing, maintaining body equilibrium to prevent falling when walking, standing or crouching on narrow, slippery or erratically moving surfaces.
3. Stooping, bending body downward and forward by bending spine and waist (example: changing paper in printer, copier machine).
4. Kneeling, bending legs at knee to come to a rest on knee or knees.
5. Crouching, bending the body downward and forward by bending leg and spine.
6. Crawling, moving about on hands and knees or hands and feet.
7. Reaching, extending hand(s) and arm(s) in any direction (example: giving signals, reaching for material or handle on item).
- B. Standing, particularly for sustained periods of time (example: making copies, giving presentations, directing traffic).
9. Walking, moving about on foot to accomplish tasks, particularly for long distances.
10. Pushing, using upper extremities to press against something with steady force in order to thrust forward, downward or outward.
11. Pulling, using upper extremities to exert force in order to drag, haul or tug objects in a sustained motion.
12. Lifting, raising objects from a lower to a higher position or moving objects horizontally from position to position.
 - o Degree of lifting: 5-25 lbs. 26-50 lbs.
13. Fingering, picking, pinching, typing or otherwise working primarily with fingers rather than the whole hand or arm as in handling.
14. Grasping, applying pressure to an object with fingers and palm.
15. Feeling, perceiving attributes of objects such as size, shape, temperature or texture by touching with skin, particularly that of fingertips.
16. Talking, expressing or exchanging ideas by means of the spoken word; via face to face or telephone.
17. Hearing, perceiving the nature of sounds with no less than a 40db loss @ 500Hz, 1,000Hz and 2,000Hz with or without correction. Ability to receive verbal communication and to make fine discriminations in sound, such as when making fine adjustments on machined parts.
18. Repetitive motions, substantial movements (motions) of the wrists, hands and/or fingers (example: filing, sorting mail, starting ignition of machinery).

D. Visual Activity Required

1. Machine operation, inspection, close assembly, clerical and administrative duties. Example: Preparing and analyzing data and figures, accounting, transcription, data entry, CRT exposure, extensive reading, visual inspection involving small defects, small parts, using measurement devices or fabrication of parts at distances close to the eyes.
2. Machine operation and skilled trades; use of lathes, drills, presses, power tools to see where a job is at, or within, arms reach.
3. Mobile equipment operations; operate cars, trucks, buses, fork lifts, cranes and high lift equipment.
4. Other criteria based on accuracy and neatness of work. Example: Cleaning personnel, sweepers, janitors, cooks.
5. Position requires individual to differentiate colors, depth and perception.

E. Work Environment Conditions

1. Inside environmental conditions protected from weather conditions, not necessarily temperature conditions.
2. Outside environmental conditions, no effective protection from weather.
3. Inside and outside environments apply.
4. Subject to extreme cold; temperatures below 32 degrees for periods of more than one hour.
5. Subject to extreme heat; temperatures above 100 degrees for more than one hour.
6. Subject to noise, causing reason to shout in order to be heard above the noise level.
7. Subject to vibration, exposure, fluctuating movement of the body.
8. Subject to hazards such as moving machinery, electrical currents, falling debris, exposure to chemicals, gases, high heat or explosives.
9. Subject to unregulated atmospheric conditions caused by odors, fumes, gases, poor ventilation and dusts.
10. Subject to oils and other cutting fluids via touch or air.
11. Air density conditions causing the use of a respirator.
12. Not exposed to any adverse environmental conditions. (Usually office work.)

INTEPLAST BOPP

PLANT OFFICE JOB DESCRIPTIONS

Page 1 of 3

Attachment 1

Title: Process Engineer (MCUT Internship)

Reports to: Plant Manager

Department: Section 1

Job Category: N/A Work Program/Student

Job Grade: N/A

Cost Center: 6111

I. Positions reporting to this position

None

II. Position Objective

Gain valuable industry experience through internship position supporting Process Engineer activities

III. Qualifications

- Chemical Engineering major
- Good computing skills
- Good oral/ written communication skills
- Good organizational skills
- Good analytical skills
- Fluent in English

IV. Training

All plant training programs (ISO, Operations, Product Safety, Safety, etc.)

V. Authority / Decision Making

None

IV. Duties / Responsibilities

A. Job Tasks / Duties

1. Caution operators regarding safety concerns in their respective work areas
2. Issue / update extrusion SOCs (including temporary SOCs)
3. Follow up of process / quality related issues; assist in resolution through communication with downstream processes

INTEPLAST BOPP

PLANT OFFICE JOB DESCRIPTIONS

Page 2 of 3

Attachment 1

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4. Communicate with operators regarding problems they may be experiencing and assist in resolution to increase productivity
 5. Author / update troubleshooting manuals as necessary
 6. Coordination with operations managers to eliminate potential downstream problems
 7. Writing abnormal reports when necessary
 8. Monitor secondary properties; adjusting line parameters / SOCs as needed
 9. Other duties / responsibilities deemed necessary by Plant Office Manager
 10. Comply with company recycling policy
 11. Comply with all Plant Safety and Product Safety requirements

B. Machines, Tools, Equipment, Electronic Devices, Software

1. AS400
2. Personal Computer
3. Microsoft Office
4. Visual Basic
5. Copier / Printer / Scanner
6. Phone

C. Physical Activity Required for this Position

1. Climbing, ascending or descending ladders, stairs, scaffolding, ramps, poles and the like, using feet and legs and/or hands and arms. Body agility is emphasized.
2. Balancing, maintaining body equilibrium to prevent falling when walking, standing or crouching on narrow, slippery or erratically moving surfaces.
3. Stooping, bending body downward and forward by bending spine and waist (example: changing paper in printer, copier machine).
4. Kneeling, bending legs at knee to come to a rest on knee or knees.
5. Crouching, bending the body downward and forward by bending leg and spine.
6. Crawling, moving about on hands and knees or hands and feet.
7. Reaching, extending hand(s) and arm(s) in any direction (example: giving signals, reaching for material or handle on item).
8. Standing, particularly for sustained periods of time (example: making copies, giving presentations, directing traffic).
9. Walking, moving about on foot to accomplish tasks, particularly for long distances.
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11. Pulling, using upper extremities to exert force in order to drag, haul or tug objects in a sustained motion.
12. Lifting, raising objects from a lower to a higher position or moving objects horizontally from position to position.
 - Degree of lifting: 5-25 lbs. 26-50 lbs.
13. Fingering, picking, pinching, typing or otherwise working primarily with fingers rather than the whole hand or arm as in handling.
14. Grasping, applying pressure to an object with fingers and palm.
15. Feeling, perceiving attributes of objects such as size, shape, temperature or texture by touching with skin, particularly that of fingertips.
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INTEPLAST BOPP

PLANT OFFICE JOB DESCRIPTIONS

Page 3 of 3

Attachment 1

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18. discriminations in sound, such as when making fine adjustments on machined parts.
 19. Repetitive motions, substantial movements (motions) of the wrists, hands and/or fingers (example: filing, sorting mail, starting ignition of machinery).

D. Visual Activity Required

1. Machine operation, inspection, close assembly, clerical and administrative duties. Example: Preparing and analyzing data and figures, accounting, transcription, data entry, CRT exposure, extensive reading, visual inspection involving small defects, small parts, using measurement devices or fabrication of parts at distances close to the eyes.
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3. Mobile equipment operations; operate cars, trucks, buses, fork lifts, cranes and high lift equipment.
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7. Subject to vibration, exposure, fluctuating movement of the body.
8. Subject to hazards such as moving machinery, electrical currents, falling debris, exposure to chemicals, gases, high heat or explosives.
9. Subject to unregulated atmospheric conditions caused by odors, fumes, gases, poor ventilation and dusts.
10. Subject to oils and other cutting fluids via touch or air.
11. Air density conditions causing the use of a respirator.
12. Not exposed to any adverse environmental conditions. (Usually office work.)

INTEGRATED BAGGING SYSTEMS

Technical Department Job Descriptions

TITLE: Technical Engineer Intern

POSITION OBJECTIVE:

The objective of the Technical Engineer Intern position is to understand and support production goals for assigned areas, address and find possible solutions to production, support department needs and provide technical support to concerned Departments. Finally, the intern can gain knowledge about how a manufacturing plant

QUALIFICATIONS:

1. Engineering degree; prefer Chemical and Material background
2. Engineer basic Knowledge such as General Chemistry, Physics, Organic Chemistry, Thermodynamics, Unit Operation, Chemical Kinetics, Polymer Science, Material Science etc.

DUTIES AND RESPONSIBILITIES:

1. Help Engineers with any jobs related to new process/product/formulation development, product quality assurance.
2. Help Engineers to improve existing process/product/formulation improvement projects.
3. Help Engineers at trial run process; collect data and sample of a trial run.
4. Learn and understand product specification, formulation, and quality standard set-up.
3. Study and understand all raw materials characteristics and properties, raw material selection and qualification.
4. Collect and monitor Standard Operation Conditions (SOC) for future reference.
5. If necessary, help Engineers about process support and troubleshooting at production.
6. Carry out job duties and projects assigned by manager of Technical, QA/QC or Technical Engineers
7. Perform necessary tests for products on physical properties (i.e. trial run, daily production, customer, competitor, customer complaint sample). Analysis of the data and provide valuable information for future improvement.
8. If necessary, help on any issues related to improvement projects.
9. Write a quarterly report about internship.

TITLE: Work Program/Student

POSITION OBJECTIVE: To gain exposure to US manufacturing processes as an Assistant Software Engineer through a one-year internship program.

QUALIFICATIONS:

- Must be a current college student enrolled in the Computer Science or Electronic Engineering field
- Fluent in English communication required
- Proficient in Microsoft Office required
- Familiar with VB.NET and SQL syntax in MySQL preferred
- Familiar with web development, and other programming language preferred
- Ensure consistent, dependable attendance and demonstrate a willingness to accommodate non-standard work hours as necessary.
- Capable of effectively managing job-related stress and fostering productive workplace interactions.

JOB RESPONSIBILITIES:

- Update troubleshooting log
- Support IT department with program troubleshooting
- Project requirement collection
- Project SOP and development documentation
- Develop project sub-function

WORK ENVIRONMENT CONDITIONS SUBJECTED TO IN THIS POSITION:

- Manufacturing environment

OTHER INFORMATION:

- Goals for each quarter:
 - Learn existing project procedures, complete installation guide and SOP document. Learn basic program and database skills. Use troubleshooting log to resolve similar project issues.
 - Complete project sub-functions development and field test.
 - Project requirement collection and development documentation.
 - Using skills learned to develop a database application or web function with full maintenance documentation.

TITLE: Work Program/Student

POSITION OBJECTIVE: To gain exposure to US manufacturing processes as an Assistant Software Engineer through a one-year internship program.

QUALIFICATIONS:

- Must be a current college student enrolled in the Electronic Engineering field
- Fluent in English communication required
- Proficient in Microsoft Office required
- Familiar with VB.NET and SQL syntax in MySQL required
- Familiar with web development, and other programming language preferred
- Ensure consistent, dependable attendance and demonstrate a willingness to accommodate non-standard work hours as necessary.
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 - Complete project sub-functions development and field test.
 - Project requirement collection and development documentation.
 - Using skills learned to develop a database application or web function with full maintenance documentation.

Job Descriptions

Title: Assistant electrical engineer (MCUT Internship)
Reports to: BOPP Electrical Maintenance Manager
Department: AmTopp Division, BOPP Plant Maintenance Department

I. Skills and Prerequisites:

	<u>Required</u>	<u>Desired</u>
1. Fluent in English communication	X	
2. Basic AutoCAD drawing skills	X	
3. Good skill in Microsoft Office	X	
4. Basic skill to read electrical schematics	X	
5. Understanding of industrial electrical control circuits		X
6. Understanding PC hardware and network system		X
7. Understand Basic PLC.		X
8. Understanding AC & DC motor Application		X

II. Duties and Responsibilities:

1. Support BOPP electrical maintenance with documentation of electrical control modifications.
2. Install application software and back up programs for extrusion Lines
3. Maintain network communication of electrical department.
4. Make AutoCad drawing, PC repairs, filing all the documents to the file server.

III. Goals for each quarter:

1. Build up basic professional knowledge and skill during the internship.
2. Develop principle & application of PLC equipment.
3. Develop principle & testing of DC motor & drives.
4. Develop principle & testing of AC motor & drives.

TITLE: WORK PROGRAM STUDENT

COST CENTER: 6841, 6843, 6851, 6857

POISITON OBJECTIVE:

QUALIFICATIONS:

1. High School graduate or GED equivalent is preferred
2. Ability to read and interpret blueprints and schematics.
3. Good Oral and written communication skills.
4. Knowledge of operation electrical parts and tools desirable.

DUTIES & RESPONSIBILITIES

1. Consistently demonstrates safe work habits
2. Adhere to all company rules and policies.
3. Has complete understanding of the plant and department safety rules.
4. Demonstrates good housekeeping by ensuring his or her assigned area is kept clean.
5. Works efficiently with other employees in order to meet plant and department goals in safety, quality, production and housekeeping.
6. Follows oral and written instructions from higher management.
7. Works and cooperates with other departments within the plant.
8. Attends schedules department safety and training meetings
9. Ability to receive constructive suggestions.
10. Ability to troubleshoot equipment, i.e. FMC bag machine and winder, kiefel extruder and winder, Amplast unwinder, Ktron resin system.
11. Comply with all written and verbal safety rules using personnel protective equipment as required by department and plant safety programs.
12. Plan and carry-out tasks to accepted national and local standards and codes.
13. Identify and correct, in a timely manner, problems in all areas of the plant including production equipment, etc. to within accepted codes.
14. Identify and correct, in a timely manner, problems in all areas of the plant including production equipment, material handling equipment, etc. to within accepted codes.
15. Check amperes with amprobe.
16. Read electrical and construction schematics pertaining to electrical.
17. Understand electrical diagrams.
18. Read dial and venire calipers.
19. Be able to read metric and standard measurements.
20. Must be able to set up and run a job without being supervised.
21. Must be able to lay out panels and design wiring schematics.
22. Identify and understand the function of equipment.
23. Ability to properly fill out necessary paperwork associated with work orders, historical files, time cards, and issue tickets.
24. Perform job task without supervision
25. Willingness to learn and upgrade skill level
26. Performs other related duties as assigned.
27. Provide timely preventive maintenance support coordinating with production personnel.
28. Responsible for good housekeeping in assigned and work areas.

MACHINERY AND ELECTRICAL DEVICES USED:

Electronic & Mechanical devices, forklift hand jack, tape measure, utility knife & safety (J) knife.

PHYSICAL AND VUSUAL ACTIVITY REQUIRED:

1. Climbing, ascending or descending ladders, stairs, ramps, and the like, using feet and legs and/or hands and arms. Body agility is emphasized. Example: Climb 3 flights of stairs as needed to reach to top of the extruder.
2. Balancing, maintaining body equilibrium to prevent falling when walking, standing or crouching on narrow, slippery or erratically moving surfaces.
3. Stooping, bending body downward and forward by bending spine and waist. Example: changing paper in printer, copier machine.
4. Kneeling, bending legs at knee to come to a rest on knees or knee. Example: roll changes – lifting either 34 lbs cores or 55 lbs shafts (frequency per shift: 18 – 26 times).
5. Crouching, bending the body downward and forward by bending leg and spine.
6. Reaching, extending hand(s) and arm(s) in any direction. Example: giving signals. Reaching for material or handles on item – moving raw material with forklift.
7. Standing, particularly for sustained periods of time. Examples: packing a line(s) QC testing, on line inspections, etc.
8. Walking, moving about on foot to accomplish tasks, particularly for long distances.
9. Pushing, using upper extremities to press against something with steady force in order to thrust forward, downward or outward.
10. Pulling, using upper extremities to exert force in order to drag, haul, or tug objects in a sustained motion.
11. Lifting, rising objects from a lower to higher position, or moving objects horizontally from position to position. Degree of lifting: 5-50 lbs.
12. Fingering, picking, pinching, typing, or otherwise working primarily with fingers rather than the whole hand or arm as in handling.
13. Grasping, applying pressure to an object with fingers and palm.
14. Feeling, perceiving attributes of objects such as size, shape, temperature, or texture by touching with skin, particularly that of fingertips.
15. Talking, expressing or exchanging ideas by means of spoken word. Via face or telephone.
16. Hearing, perceiving the nature of sounds with no less than a 40 db loss @ 500Hz, and 1000Hz, and 2000Hz with or without correction. Ability to receive verbal communication and to make fine discriminations in sound, with no less than a 40 bd loss @500Hz, and 2000Hz with or without correction. Ability to receive verbal communication and to make fine discriminations in sound, such as when making fine adjustments on machined parts.
17. Repetitive motions, substantial movements (motions) of the wrists, hands, and / or fingers.

VISUAL ACTIVITY REQUIRED:

1. Position requires individual to differentiate colors, depth and perception.
2. Must be able to detect visual defects in film.
3. Must be able to perform visual inspections involving small defects.

4. Must be able to read measurement devices such a tape measurement, pendulum scale, digital displays, etc.

VISUAL ACTIVITY REQUIRED:

During absence of Shift Supervisor, must be able to make effective decisions within guidelines of safety of self and all employees. Responsible for quality of product that is produced.

TITLE: Work Program/Student: Assistant Electrical Engineer

POSITION OBJECTIVE: To gain exposure to US manufacturing processes as an Electrical Engineer through a one-year internship program. Help produce the highest-quality product that meets customer specifications by ensuring the safe operation of all electrical equipment and systems.

QUALIFICATIONS:

- Must be a current college student enrolled in the Electrical Engineering field
- Fluent in English communication (both oral and written) required
- Good analytical skills preferred
- Ensure consistent, dependable attendance and demonstrate a willingness to accommodate non-standard work hours as necessary
- Capable of effectively managing job-related stress and fostering productive workplace interactions

JOB RESPONSIBILITIES:

- Plans and coordinates electrical systems and operations in an industrial plant
- Supports production departments through electrical maintenance and troubleshooting. Regulates and coordinates electrical functions across production areas.
- Introduces efficient electrical system methods and improvements
- Initiates and directs procedures to optimize electrical operations and minimize downtime
- Any reports, such as budget, electrical maintenance, and/or downtime, as needed by the operations manager
- Any other tasks as designated by the operations manager

WORK ENVIRONMENT CONDITIONS SUBJECTED TO IN THIS POSITION:

- Manufacturing environment

TITLE: Work Program/Student: Assistant Mechanical Engineer

POSITION OBJECTIVE: To gain exposure to US manufacturing processes as a Mechanical Engineer through a one-year internship program. Help produce the highest-quality product that meets customer specifications by ensuring the safe operation of all equipment.

QUALIFICATIONS:

- Must be a current college student enrolled in the Mechanical Engineering field
- Fluent in English communication (both oral and written) required
- Good analytical skills preferred
- Ensure consistent, dependable attendance and demonstrate a willingness to accommodate non-standard work hours as necessary
- Capable of effectively managing job-related stress and fostering productive workplace interactions

JOB RESPONSIBILITIES:

- Plans and coordinates production procedures in an industrial plant
- Directs production departments. Regulates and coordinates the press area's functions.
- Introduces efficient production line methods
- Initiates and directs procedures to increase company output
- Any reports such as budget, production, and/or downtime as needed by the operations manager
- Any other tasks as designated by the operations manager

WORK ENVIRONMENT CONDITIONS SUBJECTED TO IN THIS POSITION:

- Manufacturing environment

INTEGRATED BAGGING SYSTEMS

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Technical Department Job Descriptions

TITLE: Assistant Technical Engineer Intern

POSITION OBJECTIVE:

The objective of the Technical Engineer Intern position is to understand and support production goals for assigned areas, address and find possible solutions to production, support department needs and provide technical support to concerned Departments. Finally, the intern can gain knowledge about how a manufacturing plant

QUALIFICATIONS:

1. Engineering degree; prefer Chemical and Material background
2. Engineer basic Knowledge such as General Chemistry, Physics, Organic Chemistry, Thermodynamics, Unit Operation, Chemical Kinetics, Polymer Science, Material Science etc.

DUTIES AND RESPONSIBILITIES:

1. Help Engineers with any jobs related to new process/product/formulation development, product quality assurance.
2. Help Engineers to improve existing process/product/formulation improvement projects.
3. Help Engineers at trial run process; collect data and sample of a trial run.
4. Learn and understand product specification, formulation, and quality standard set-up.
3. Study and understand all raw materials characteristics and properties, raw material selection and qualification.
4. Collect and monitor Standard Operation Conditions (SOC) for future reference.
5. If necessary, help Engineers about process support and troubleshooting at production.
6. Carry out job duties and projects assigned by manager of Technical, QA/QC or Technical Engineers
7. Perform necessary tests for products on physical properties (i.e. trial run, daily production, customer, competitor, customer complaint sample). Analysis of the data and provide valuable information for future improvement.
8. If necessary, help on any issues related to improvement projects.
9. Write a quarterly report about internship.

World-Pak

Electrical Engineer Intern Job Description

Title: Assistant Electrical Engineer (MCUT Internship)

Reports To: WPJK division Office, IT Team leader

Department: World-Pak Division, WPJK division , IT Team

Skills and Prerequisites:

- Always follow the safety rules.
- Currently enrolled student pursuing in Electronic Engineering/Electrical Engineering/Artificial Intelligence or related fields
- Basic understanding of PLC control, automation control, and electronic circuits is a plus.
- Proficiency with software/hardware integration including calibration, debug and electrical wiring skills
- Proficiency in one or more object oriented programming languages like C, C++, C# , Java, Python or VB.net (Windows and/or Linux) is a preferred.
- Experiences or Familiar with Database(SQL) & Network administration and PC Hardware/software is a plus.
- Ability to work independently or on a team in fast paced work environment.
- Effective research and analysis skills.
- Passion for learning while working as a team player

Duties and Responsibilities:

Revise / update machine document. (manual, drawings, troubleshooting procedures, programs etc.) Electrical wiring and modification.

HMI (Human Machine Interface),PC / PLC development & upgrade.

Other assignments

World-Pak

Computer System Engineer Intern Job Description

Title: Assistant Computer System Engineer (MCUT Internship)

Reports To: WPJK division Office, IT Team leader

Department: World-Pak Division, WPJK division , IT Team

Skills and Prerequisites:

- **Education:** Currently enrolled in Electronic Engineering, Electrical Engineering, Artificial Intelligence or related fields. Other majors with strong coding and computer skills are welcome.
- **Programming Skills:** Proficiency in one or more object-oriented programming languages such as C, C++, C#, Java, Python, or VB.NET (Windows/Linux).
- **AI Expertise:** Experience or familiarity with AI development, including LLM (Large Language Models), Vector Databases, or other AI tools, is highly preferred.
- **Technical Skills:** Knowledge of database systems (SQL), network administration, and PC hardware/software troubleshooting.
- **Additional Skills:** Understanding of PLC control, automation systems, or electronic circuits is a plus.
- **Hands-On Experience:** Familiarity with software/hardware integration, including calibration, debugging, and electrical wiring, is desirable.
- **Work Ethic:** Ability to work independently or in a team in a fast-paced environment.
- **Research & Learning:** Strong research and analysis skills and a passion for learning
- **Team Player:** Collaborative attitude and effective communication skills..

Duties and Responsibilities:

- **AI and Coding Projects:**
 - Develop and debug new systems, with a focus on incorporating AI technologies where applicable.
 - Maintain and improve existing software systems.
- **Documentation:** Create and update manuals, troubleshooting guides, and program documentation.
- **IT Support:** Provide daily support for software, hardware, network, servers, and operating systems.
- **System Integration:** Work on HMI (Human-Machine Interface) and PLC/PC coding and upgrades.
- **General Support:** Assist with other assignments as needed by the IT team.

World-Pak

Mechanical Engineer Intern Job Description

Title: Mechanical Engineer (MCUT Internship)

Reports to: IBP maintenance

Department: WPJK, IBP, Maintenance

Skills and Prerequisites:

- Must have experience with and be proficient using AutoCAD.
- Ability to use ProE or Solidworks for the review product design and manufacturing process.
- Must possess strong analytical and problem solving skills. Work experience of Mechanical
- Ability to assign cost analysis criteria to projects and determine potential cost savings on a
- project by project basis. Have led Project experience is a plus.
- Good oral and written communication skills.

Duties and Responsibilities:

- Setup the spare Parts by AS400 system
- Improve and modify existing equipment.
- Analyze and record extruder screw and barrel working condition.
- Review equipment installation, operation and maintenance manual, technical data and drawings.
- Create equipment number, setup and implement maintenance management system in
- Create routine check and preventive maintenance works.
- Setup route check maintenance work lists.
- Setup and coordinate maintenance TPM program.
- Planning and schedule control on installation and improvement Project.
- Equipment abnormal analysis and improvement proposal.
- Report equipment abnormalities and cause of breakdown analysis.

World-Pak

Electrical Engineer Intern Job Description

Title: Electrical Engineer (MCUT Internship)

Reports to: IBP maintenance

Department: WPJK, IBP, Maintenance

Skills and Prerequisites:

- Always follow the safety rules.
- Currently enrolled student pursuing in Electronic Engineering/Electrical Engineering.
- Basic understanding of PLC control, automation control, and electronic circuits is a plus.
- Proficiency with software/hardware integration including calibration, debug and electrical wiring skills
- Proficiency in one or more object oriented programming languages like VB.net (Windows and/or Linux) is a preferred.
- Experiences or Familiar with PC Hardware/software is preferred.
- Ability to work independently or on a team in fast paced work environment.
- Effective research and analysis skills.
- Passion for learning while working as a team player

Duties and Responsibilities:

- Revise / update machine document. (manual, drawings, troubleshooting procedures, programs etc.)
- Electrical wiring and modification.
- HMI (Human Machine Interface), PC / PLC development & upgrade.
- Other assignments