

CHRISTY ABRAHAM ALEX

MECHANICAL ENGINEER



SUMMARY

Results-driven Mechanical Engineer with **7 years** in plant engineering and safety management. Proven success in designing, installing and maintaining machinery with a focus on safety protocols. Combines technical expertise with a strong commitment to workplace safety, enhancing operational efficiency and mitigating risks. Seeking a challenging role to leverage mechanical engineering and safety management skills for organizational success.

EXPERIENCE

Plant Engineer Cum Safety Engineer

Al Huson Water Treatment Plant, Oman

06/2022 - Present

Roles and Responsibilities

- Oversee the day-to-day operations of machinery and equipment within the plant.
- Conduct safety audits and inspections to identify potential hazards and recommend corrective actions.
- Perform risk assessments for various plant operations and machinery to identify potential safety issues.
- Develop and implement emergency response plans to address potential accidents or incidents.
- Conduct regular drills and training sessions to ensure all employees are familiar with emergency procedures.
- Provide training to plant staff on safety protocols, equipment operation and emergency response.
- Lead investigations into accidents or incidents to determine root causes and prevent recurrence.
- Maintain accurate records of safety inspections, incidents and corrective actions.
- Collaborate with engineering teams to implement design changes that enhance both operational efficiency and safety.
- Identify and resolve equipment malfunctions promptly to minimize downtime.
- Evaluate existing machinery and recommend upgrades to enhance performance and efficiency.
- Coordinate the installation and commissioning of new equipment.
- Oversee the maintenance and repair of machinery to ensure optimal functionality.
- Develop maintenance schedules and coordinate with technicians to perform regular inspections.
- Manage inventory of spare parts to facilitate timely repairs.
- Implement measures to reduce defects, waste and production bottlenecks.

CONTACT

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Berka, Oman

PERSONAL INFO

Nationality : Indian

Gender : Male

Date of Birth : 10 Oct 1994

Passport No. : R3082824

KEY SKILLS

- Project Management
- On-Site Inspections
- Staff Management
- Troubleshooting
- Maintenance Planning
- Quality Assurance
- Operations Management
- Industrial Automation
- Root Cause Analysis
- PLC Programming
- Equipment Maintenance
- Equipment Installation
- Safety Engineering
- Hazard Identification
- Safety Auditing & Training
- Emergency Response
- Technical Support

EDUCATION

B.Tech in Mechanical Engineering

North East Frontier Technical University, India

2013 - 2017

CERTIFICATIONS

- Diploma in fire and safety
- National Examination Board in Occupational Safety and Health (NEBOSH)
- Institution of Occupational Safety and Health (IOSH)

Mechanical Engineer

Maks Automation Pvt. Ltd., Kerala, India

06/2017 – 03/2022

Roles and Responsibilities

- Assemble and integrate machine components according to engineering drawings and specifications.
- Oversee the installation of machinery at client sites, ensuring proper alignment and functionality.
- Assemble conveyor systems, ensuring proper alignment and functionality.
- Assemble gearboxes, ensuring proper lubrication and alignment.
- Operate machines to test functionality and identify potential issues.
- Perform routine maintenance on machines to ensure continuous and reliable operation.
- Contribute to the design and maintenance of reverse osmosis systems.
- Participate in R&D projects to improve existing machines or develop new technologies.
- Identify and resolve mechanical issues through systematic troubleshooting.
- Provide technical support and service for machines during and after installation.
- Perform electrical installations and wiring for machines and equipment.
- Design, install and maintain pneumatic systems for machinery.
- Develop and implement PLC programs for machine control and automation.
- Conduct wiring for PLC systems and control panels.
- Ensure compliance with electrical codes and safety standards.
- Wire and connect motors for various machines and equipment.

STRENGTH & QUALITIES

- Patience when dealing with others.
- Flexibility in thinking and operating style.
- Diligence in ensuring accuracy and quality in work.
- Encouraging and inspiring people to do their best.
- Capacity to adjust and thrive in changing environments.
- Collaborating and working well together with others.

DECLARATION

I hereby declare that the above written particulars are true and correct to the best of my knowledge and belief.

CHRISTY ABRAHAM ALEX

KEY CLIENTS

- Tata Global Beverages
- Tata Tea Factory
- ITC Limited
- Dabur Limited
- Sanofi Pharmaceuticals
- Amara Raja Batteries
- Coca-Cola Beverages
- Bisleri Beverages
- Marico Limited
- Unilever

MACHINERY EXPERTISE

- Carton Packing Machines
- Labeling Machines
- Blow Moulding Machines
(48,000 bottles per hour)
- Filling Machine
- Sleeve Wrapping Machine
- High and Low-Pressure Compressor
- Reverse Osmosis (RO) Unit

PROJECT

- Finite Element Analysis of Composite Wind Turbine Blade

SOFTWARE PROFICIENCY

- **AutoCAD**
- **MS Office**
Word | Excel | PowerPoint | Outlook

SOFT SKILLS

- Communication
- Leadership
- Team Work
- Critical Thinking
- Time Management
- Decision Making
- Active Listening

LANGUAGES

English	
Hindi	
Malayalam	