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PROFILE

As an accomplished Maintenance Management Expert with a distinguished 19-year trajectory in optimizing maintenance systems within the global cement industry, I have honed a strategic, analytical approach to process improvement and cost management. My career is marked by a concerted dedication to enhancing equipment reliability and bolstering plant performance, achievements that are rooted in a deep understanding of intricate operational requirements and a relentless quest for excellence. My professional journey, as it allows me to fully utilize my in-depth industry experience for the benefit of organizations looking to modernize and streamline their digital presence.

EXPERIENCE

PINEXCEL

05/2021 > Current

Founder

With the experience and knowledge I have gained during my career, I decided to establish my own company. Through PINEXCEL, I am proud to channel my insights and skills into a new avenue that combines my passion for "**Digital Innovation**" with my expertise in operational excellence. Working as a freelance developer, I translate complex user needs into streamlined, Custom Web Applications and Excel Tools.

HeidelbergCement Group

08/2011 > 05/2021

Head of Maintenance Control Centre

In 2011 August, I started my journey in HeidelbergCement Group at **AKCANSALadik Plant** as "Maintenance Planning Chief", where I spearheaded the implementation of the Maintenance Management System (known as MIP: Maintenance Improvement Project, within Group). This initiative quickly bore fruit, elevating the Ladik Plant to the highest MIP compliance score of 72% within HeidelbergCement's global portfolio after its initial official audit by HTC, a milestone that captured the attention of our German headquarters.

By April 2013, I had appointed to the role of '**Head of Maintenance Control Centre**' at the Group's **Cement Plant in TANZANIA**. My strategic interventions and strict implementation of Maintenance Management System, enhanced equipment reliability and maintenance efficiency. These improvements led to a substantial **reduction in maintenance costs, dropping from 17 million USD to 9 million USD over a span of four years**.

In 2017 October, after outstanding achievement in Tanzania, I was transferred to Group's Padeswood Cement Plant in **UNITED KINGDOM**.

February 2020 marked my shift to the UK Central Team, subsequent to a successful tenure at the Padeswood Plant where I facilitated MIP implementation, achieving a compliance score of 76%. This role enabled me to lend my expertise and provide support to all three of the Cement Plants and REGEN across the UK

- Implement Maintenance Management System (known as MIP in HeidelbergCement)
- Identify and implement methods for increasing the reliability, availability and maintainability for all pieces of equipment in order to reduce Maintenance Costs
- Identify the "bad actors" using the SAP-PM, analysing data and proposing improvements/investments to eliminate them and to reduce Maintenance Costs
- Prepare, optimise and manage Maintenance Budget
- Define, control and optimise the Maintenance Costs
- Define Equipment Criticality
- Initiate and supervise FMEA and RFCA linked to maintenance issues
- Prepare and improve Predictive & Preventive Maintenance Plans
- Develop and implement Maintenance Planning & Scheduling; set detailed methodology to perform all planned tasks in agreement with priorities, required resources, skills, supervision
- Major Shutdown Optimization – Preparation, Shutdown Management, Review Performance
- Warehouse Inventory Optimization, as per Group Guideline;
 - ✓ Improve & implement BOM (Bill of Material)
 - ✓ Define Obsolete Parts, Define Spare Parts Criticality and min-max stock levels

Maintenance Planning Chief

In **2006 May**, I was appointed as Maintenance Planning Chief in **Trakya Cement Plant**.

- Coordinate and manage Inspector, Lubrication Team, Draftsman, Mechanical Workshop: Manage machining and welding tasks
- Design maintenance strategies, procedures and methods
- Designate and follow up Investment Plans and Projects
- Maintenance Budget Preparation
- Analyse, monitor, document and report the cost and performance of each piece of equipment
- Annual Major Shutdown Preparation
- Develop and implement "Preventive/Predictive Maintenance Program", including "Inspection Plans", "Lubrication Plan" and "Condition Monitoring Activities" like vibration measurements, oil analysis etc.
- Develop and implement Maintenance Planning & Scheduling System; repair / refurbishment / replacement schedules
- Prepare reports, analyse data, and make recommendations to improve plant operations, to solve maintenance-related problems, to improve efficiency and to reduce maintenance cost and energy consumptions
- Initiate and supervise FMEA and RFCA linked to maintenance issues
- Spare Parts Management,
 - ✓ Maintain inventory of critical spare parts and supplies, to minimize back-order and delivery down-time
 - ✓ Acceptance of purchased materials and spare parts
 - ✓ Define MRP (Materials Requirements Planning) stock levels in the SAP system
 - ✓ Ensure that required/critical spare parts are available prior to break downs
 - ✓ Forecast need & order spare parts
- Lubrication System Improvements;
 - ✓ Create Lubrication Plans and improve lubrication performance
 - ✓ Monitor all aspects of the lubrication system with emphasis on sampling and analysis
 - ✓ Develop and use Shell Lubepanner software, for the first time in the world, at Trakya Cement Plant, support Shell technical team in Turkey and USA.
 - ✓ Give technical support to Italcementi Group's other plants to implement and use Shell Lubepanner software.
- Carry-out and follow-up periodical controls & measurements according to Legal Requirements
- Direct, maintain, and enforce the safety program for the maintenance department; reviews safety records to uphold standards of maximum safety for all maintenance workers, Train maintenance staff about risks and increase awareness
- Fulfil the responsibilities about ISO 9001 QMS, ISO 14001 EMS and OHSAS 18001
- Prepare documentation (Environmental Impact Assessment, Environmental Aspects Evaluation etc.) during ISO 14001 EMS Certification process.
- Perform internal audits of ISO 9001 QMS, ISO 14001 EMS and OHSAS 18001

In **2010 April**, I was transferred to Italcementi Group's **Afyon Cement Plant**, as Mechanical Maintenance and Planning Chief. In addition to my responsibilities as Planning Chief, I also fulfilled those tasks;

- Carry out preventive and predictive maintenance activities
- Carry out Total Productive Maintenance
- Coordinate disassembly, installation and commissioning activities
- Supervise maintenance staff
- Perform routine maintenance and undertake emergency repairs effectively and efficiently to minimize production loss due to unanticipated equipment outages

EXPERIENCE

Italcementi Group

03/2004 > 04/2006

Safety Engineer

In 2004 March, I started my career in Italcementi, **Trakya Cement Plant** as Safety Engineer.

- Ensure compliance with OHSAS 18001, monitor documentation system in accordance with OHSAS 18001
- Ensure and audit compliance with legal & regulatory requirements
- Anticipate, identify & evaluate hazardous conditions/practices and perform risk assessments
- Prepare reports and make suggestions in order to reduce or eliminate risks
- Follow up implementation of preventive/corrective actions and monitor effectiveness of actions
- Develop and execute comprehensive Safety Training Program
- Schedule periodical controls and measurements in compliance with legal requirements, ensure implementation
- Prepare "Emergency Evacuation Instruction", administer all required Emergency Evacuation Drills
- Check fire protection equipment, create fire response team, administer Fire Drills
- Cooperate with on-site doctor to evaluate occupational illness possibilities, prepare preventive action plans
- Organize "Safety Committees", communicate safety progress, issues and make suggestions
- Conduct and document thorough accident, incident and "near-miss" investigations, and provide recommendations for process, procedures or equipment changes to eliminate re-occurrences.
- Audit all site activities to identify, evaluate, prevent and control health and safety hazards.
- Measure, audit and evaluate the effectiveness of risk & hazard control programs
- Ensure and audit compliance with safety procedures & instructions
- Perform risk assessment in case of new equipment or system installations
- Selection, provision and usage assessment of personal protective equipment
- Perform internal audits of ISO 9001, ISO 14001 and OHSAS 18001

SKILLS

- **Web Development Skills: HTML, CSS, Javascript, C#, SQL**
- **Maintenance Management System Implementation and Improvement,**
- Budget Preparation, Management and Optimisation
- Maintenance Cost Management and Optimisation
- Continuous Improvement Process
- Maintenance Planning & Scheduling
- Reliability Engineering
- Reliability Centred Maintenance
- Preventive & Predictive Maintenance
- RCFA (Root Cause Failure Analysis)
- FMEA (Failure Mode and Effects Analysis)
- Data Analysis and Reporting
- MRP (Material Requirements Planning)
- SAP PM and Infor EAM implementation
- WCM (World Class Manufacturing)
- Occupational Health & Safety Specialist
- Loss Prevention & Risk Management
- Accident & Incident Root Causes Analysis
- Management Systems (ISO 9001, ISO 14001, OHSAS 18001)
- Advanced skills for Microsoft Office Programs (Excel, Word, PowerPoint)

 COURSES**Technical & Programming Trainings**

- **Various Web Development/Programming Courses Completed on UDEMY**
- Kiln Maintenance Training, HTC Global - Rajendra Reddy
- Refractory Workshop, Olaf Kühne, Ralf Kohl
- Purchasing Awareness Seminar, Andre Van Steenberge
- Six Sigma - Control Phase, OMS Excellence - Gülşah Çakıroğlu,
- Six Sigma - Improve Phase, OMS Excellence - Gülşah Çakıroğlu
- Six Sigma - Analyse Phase, OMS Excellence - Gülşah Çakıroğlu
- Six Sigma - Measure Phase, OMS Excellence - Gülşah Çakıroğlu
- Six Sigma - Define Phase, OMS Excellence - Gülşah Çakıroğlu
- Vibration Analysis, TOPAZ- R.Kubilay KOSE
- Vibration Engineering, VibraTek - Ibrahim Caglayan
- Project Management, PDR International (TMI) - Betül Gemalmaz
- SAP Training, ITALCEMENTI Group

Personal Development & Management Skills

- Team Development & Management, Consepta Consulting – Elizabeth Mleli
- Team Development & Management, Empower Ltd – Miranda Zelda Naiman
- Improving Individual Quality, Fast Forward Training - Ali Karakoc
- Teamwork Training, Masters Training
- Time Management, SİNERJİ Training
- Problem Solving Technics, ICC International Consultancy
- Leadership Training, TEMİS
- Trainer's Training, ORHİM

Management Systems

- Integrated Management Sys. Internal Auditor, TEMİS
- ISO 14001 EMS Internal Auditor Training, TEMİS
- ISO 14001: 2004 Management System, TEMİS
- OHSAS 18001 Internal Auditor Training, INTERTEK
- OHSAS 18001 Management System, INTERTEK
- ISO 9001 QMS Internal Auditor Training, INTERTEK
- ISO 9001 Management System, INTERTEK

Safety and Risk Management

- Loss Prevention, Fiat Risk Management - Diego Fava, Turin-Italy
- Ergonomics, KALDER
- I-SAFE Italcementi Safety Advice For Everyone, ITALCEMENTI Group - A.Blin
- Safety at Confined Spaces, AKUT
- Managing Safety, with Audit Training, DuPont
- Safety Specialist Training, Turkish Ministry of Labour
- General Emergency Training, AKUT
- Labour Law, Advocate Ergun Ince
- Accident & Incident Analysis Approach, ITALCEMENTI - FARAL

 REFERENCES

- Tom Dijkstra, Team Leader Maintenance, Heidelberg Materials – Germany
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