

KHURAM SHAHAZAD

Curriculum Vitae

BSc. Mechanical Engineering
15 Years in Cement Industry



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OBJECTIVE

A mechanical engineer with impressive track record in Planning, maintaining equipments and providing technical support seeking Result-oriented executive position with notable success directing a broad range of organizational initiatives while participating in planning & implementation of new trends & technical solutions in direct support of business objectives.

Personality Trait

- Have good maintenance methodology Skill,
- Ability to plan, lead and supervise the job,
- Have commitment to quality, reliability and continuous improvement,
- Good aptitude for quantitative and qualitative analysis.

Summary

- 15 yrs comprehensive experience of maintenance work at different modern cement plants up to 6,700 TPD.
- Having strong engineering base & comprehensive knowledge of static and rotating equipments like gear boxes, fans and pumps, Kilns (Rotax-2, Rotax-3, MHI' 3 piear kiln), vertical mills like (ATOX mills, OK mills, ABB Raymond mill), Coolers (Coolex, Cross Bar), Belt bucket elevators (Aumund, Beumer), etc. and capable to deal with hydraulic system of vertical raw mills.
- Applying maintenance methodology, defining operational steps, manpower, spares and other resources necessary to achieve efficient and safe maintenance in line with technical standards.
- Manage and improve the use of management tools, procedures and methodologies for maintenance.
- Controlling of maintenance cost according to annual budget.
- Indigenously development of parts by reverse engineering. Parts procurement from national/ international economical vendors.
- SAP / ERP implementation for better Preventive / Predictive and Shutdown maintenance and inventory management.
- Training of manpower & implementation of Heath, Safety and Environment procedures.

EDUCATIONAL QUALIFICATION

Bachelor of Mechanical Engineering University of Engineering and Technology, Lahore Aggregate Percentage:	Jan, 2002 - Dec, 2005 80.08% (1st Div), Hons
Higher Secondary School Certificate Govt. Degree College for Boys, Wazirabad Aggregate Percentage:	1998-2000 72.36% (1 st Div)

Secondary School Certificate	1996-1998
Unique Model High School, Wazirabad	
Aggregate Percentage:	72.11% (1 st Div)

WORK EXPERIENCE

1. Al-Khalij Cement Company Limited, Qatar, 6000 tpd, FLSmidth

- Section Incharge Planning (April, 2019 - Present)
- Section Head Execution (July, 2012 – Mar, 2019)

Job Responsibilities:

Mechanical Maintenance (**Execution**) and Planning (**Method Department**)

- Promotes the maintenance management system, ensuring application of maintenance procedures, method and best practices.
- Ensure planning and scheduling of maintenance operations, looking for the optimum use of resources, equipment availability and maintenance cost.
- Assist the Maintenance Manager with the preparation of the budget (on-going and major operations) ensuring technical justification for maintenance major operations.
- Defining the detailed methodology for carrying out all the jobs according to priorities, and the required resources, skills coordination and supervision.
- Ensure that all necessary materials are available for the planned operations and meet the required quantity and quality.
- Prepare time and cost estimates for work orders and job plans to help optimizing resources allocation.
- Formalizing and updating; Detailed job-plans for important maintenance operations (technically and/ or financially important), for the Records Technical documentation
- Define specifications of the sub contracted jobs together with the Maintenance Manager.
- Draw up regular inventories of the spare parts and ensure their availability in coordination with the warehouse.
- Maintain and update information and data in CMMS (SAP)
- Planning of major equipment annual overhauls
- Draw up the technical specifications for the purchase of the spare parts.

ACHIEVEMENTS,

- Successful completion of Upgradation project from 5000 to 6000 tpd, main installation of high capacity Exhaust Fan and two half chambers of Bag House.
- Best Employee of The Year 2013, Maintenance Department

2. Bestway Cement Company Limited, Pakistan, 4000 tpd, Mitsubishi

- Deputy Manager Mechanical (Jan 2011 – June 2012)

Job Responsibilities;

Area Incharge (Mechanical) of **Crusher, Storage & Raw Mill**

- Manage Execution & supervision of preventive and corrective maintenance job using standard procedure with other departments, and ensuring maximum plant availability as per production scheduling,
- Responsible for maintenance operation and troubleshooting of all field job activities related to Mechanical,
- Responsible for preparing standard operation procedures for Mechanical Maintenance

jobs, Planning, supervising and executing daily, weekly, monthly and shutdown maintenance activities,

ACHIEVEMENTS,

- Replacement of all bearings of **Vertical Raw Mill's Gear Box** (Brand: Seisa Reduction Gears, Japan; Type: Vertical),
- Replacement of Grinding Roller's Seals,
- Refurbishment of Hydraulic Cylinder Piston Rods of Vertical Raw Mill,
- Rebuilding of Table and Tyres of Vertical Raw Mill with hardfacing electrodes,
- Replacement of VRM's Table Liner Segments,
- Replacement of VRM's Journal Yoke Rubber Trunion Bushing,
- Rebuilding of Lime Stone Crusher Hammers for reducing of Maintenance Cost,

2. Maple Leaf Cement Factory Limited, Pakistan, 11000 tpd, FLSmith

- Deputy Manager Mechanical (Jan, 2010 – Dec, 2010)
- Assistant Manager Mechanical (Jan, 2006 – Dec, 2009)

Job Responsibilities;

Area Incharge (Mechanical Maintenance) of **Kiln Area, both lines L-I (Dia 4.35m, Coolax Cooler) & L-II (Dia 5.5m, L=66m, Cross Bar Cooler),**

- Responsible for maintenance operation and troubleshooting of all field job activities related to Mechanical, the major of which including (Kiln Feed System, Pre-heater, Rotary Kiln, Clinker Cooler, Clinker Transportation, etc.),
- To supervise the maintenance activities in order to reduce the breakdown time, i.e. replacement of Bucket Elevator's accessories, Cyclone's Center Tubes, Kiln's inlet & outlet sectors, Thrust Device's Hyd. Cylinder repair kit, Main Burner's pipes etc.,
- Assist kiln comprehensive inspection and measure kiln axial load,
- Participate in Ultra-Sonic Testing of Kiln Shell, Live Rings, Supporting Roller Bearings,
- Preparing Schedules of lubricants and their implementation,
- Periodically maintained a nominal stock of critical spares, constantly interacted with the vendors and suppliers for further purchases, technical evaluation of vendor offers and ensured that the procurement is favorable to the purchase terms, and co-ordinate with HOD for Implementation of **ERP Oracle System**.

Also worked in Storage, Crusher Area and Packing Plant as Assistant Manager.

INTERNSHIPS

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- One month internship at 'Millat Tractor Ltd, Pakistan'
 - One month Internship at 'Tri-Pack Films Ltd, Pakistan'

PROFESSIONAL CERTIFICATIONS & SKILLS

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- Registration with the Pakistan Engineering Council **Mech / 19580,**
 - Technical Training Certificate by **FAG** (Bearing Manufacturer),
 - IT Training Skill certificate (ERP Oracle working and Implementation),

COMPUTER SKILLS

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- Microsoft Office (Word, Excel and Power Point, Access)
 - Microsoft Project 2003, 2010
 - AutoCAD & Solid Edge (3D Modeling)

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- OS, Windows 7 & XP.

DISTINCTIONS RECEIVED

- Bachelor Degree in Mechanical Engineering with HONS

LANGUAGSTIC SKILLS

English, Urdu and Punjabi

PERSONAL INFORMATION

Father's Name:	Muhammad Rafiq
CNIC No:	34104-2279842-9
Date of Birth:	September 05, 1982
Passport No:	EC5148422
Blood Group:	B+
Permanent Add.:	Disposal Road Cheema Colony Wazirabd (52000), Pakistan

References

Will be furnished on request