



Engr. Ehtisham Zaib
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PROFILE

Dynamic, innovative, and action-oriented personality for learning analytical and problem-solving skills in Process optimization and processing of industrial processes, especially the major field related to energy conservation and optimization in the cement industry. I present myself with all devotion, dedication, and commitment for the best of your well-sustained esteemed organization in order to learn more and utilize my energies for the betterment of mankind.

EDUCATION

Nov 2017 – May 2021	MSc Chemical Engineering, UET Peshawar, Pakistan
Oct. 2013 - Oct. 2017	BSc Chemical Engineering, UET Peshawar, Pakistan
Apr. 2011 - Apr. 2013	FSc Pre-Engineering, Jinnah Public School & College Havelian Abbottabad.
Mar. 2009 - Mar. 2011	Matric Jinnah Public School & College Havelian Abbottabad, Pakistan

EXPERIENCE

- Working as **Engineer - II** in the Production department at **Cherat Cement Limited Nowshera, Pakistan at line III** having a production capacity of **7100 TPD**. I got hired under the “**Future Leadership Program**” back in **October 2018**. As a process engineer, I contributed my part in the development of processes, procedures, and tools associated with the kiln and mills process to reduce production costs and improve plant efficiency while considering better quality products, respecting regional environmental emissions limits & completing all HSE requirements & protocols.
 - a) I am responsible for the continuous improvement and optimization of combustion, calcination as well as the optimization of resources. Performs technical audits as a part of the Process technical team, develops heat and mass balances to optimize the process, and identifies opportunities for process improvement.
 - b) Identify production bottlenecks, develop related action plans, communicate & execute them, and assess results.
 - c) Conducts daily handoff meetings with operators and team leaders to provide daily instructions for production expectations, identify barriers experienced during shifts, and communicate with others within the operation. Also, put my efforts into plant troubleshooting, developing RCAs, and their corrective action plans & extracting results as per HOD instructions.
 - d) Provide my complete technical support to plant operation, proper maintenance with effective environmental and quality control.
 - e) Monitor the reliability of the processes to define paybacks for improvements. Conducts process and energy

audits to identify opportunities for cost savings.

- f) Record & document problems related to the process or systems as seen or received from production. Review results with the plant team to initiate, recommend, provide, and/or implement solutions.
 - g) Feasibility study and co-processing of various Alternative fuels available along with exploring new opportunities to reduce production costs.
 - h) Prepare and maintain Standard Operating Procedures and manuals: production, and operational efficiencies of the kiln process for continuous improvement.
 - i) Besides these, I am also a team member in the “Risk Management Standard” committee & put all efforts into fully establishing the HSE culture inside the plant.
- Worked as **Trainee Engineer Production** at **Bestway Limited Hattar, Pakistan** Plant from **1 March 2018 to 14 October 2018**. The major duties related to my jobs are as follows:
 - a) To learn the relevant trade job skills on the basis of theoretical instructions / practical training on the job to be provided during the training period.
 - b) To study & understand the SOPs of machine/equipment, their function, drawings & manuals, and proper operation & maintenance.
 - c) To supervise available manpower for the jobs assigned by HOD.
 - d) To learn, check & ensure the process parameters of equipment for the smooth operation of the plant also check log sheets of the raw mill, Coal mill, Cement mill, and kiln daily.
 - e) To put all efforts into learning about the plant, its troubleshooting, and maintenance techniques from on-duty shift engineers & relevant officers.
 - f) To learn & understand the operational procedures in CCR from the control panel operator area-wise.
 - g) To follow the in-house training schedule strictly as given by the Training department, Head office & any other training activity assigned by HOD.

Workshops & Seminars

- International CEMTECH LIVE WEBINAR on “**Getting the most from Alternative Fuels**” on 5 July 2023.
- International CEMTECH LIVE WEBINAR on “**Grinding systems for modern cement**” on 08 June 2023.
- Pakistan Engineering Council One day CPD webinar on “**Chemical Management System**” on 23 July 2022.
- Pakistan Engineering Council One day CPD webinar on “**Risk Assessment & Management**” on 28 May 2022.
- Pakistan Engineering Council One day CPD webinar on “**External & Internal factors that Impact Procurement Process**” on 14 April 2022.
- Pakistan Engineering Council One day CPD webinar on “**Elevate your leadership skills to take your organization to next level**” on 07 April 2022.

OTHER SKILLS & INTERESTS

Languages: Urdu: Native Language, Hindko: Regional Language, English: Fluent in writing and speaking.

Interests: Sports, Literature, and community service.

REFERENCES

DGM & HOD Production

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