

Usman Khalid

Chemical Engineer

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Address: House no. 51 Block no. 5 Sector D-1 Township, Lahore
D.O.B: February 1, 1995

Education

Institute of Chemical Engineering and Technology, University of the Punjab B.Sc. Chemical Engineering – 3.19 CGPA	Lahore, Pakistan (2012-2016)
Government College of Science F.Sc. Pre-engineering – 81.8%	Lahore, Pakistan (2010-2012)

Working Experience

Attock Refinery Limited (ARL) Senior Management Trainee Engineer (December 2017 to date). Field Allocations: Allocated to core areas of refinery which include Crude distillation unit along with Pre-flash unit, Hydrotreater and Platformer. Responsibilities <ul style="list-style-type: none">To handle the emergencies with the coordination of operations staff in order to avoid any unsafe conditions for plant.To supervise different jobs during shutdown and normal operations.Calculated the efficiencies and heat duties of fired heaters & heat exchanger. Trainings: One week training in HSE, Introduction to Oil Movement operations inside and outside refinery, Introduction to fired Heaters construction and operations, Introduction to Piping and Instrumentation diagrams, Firefighting workshop and use of fire extinguisher.	Rawalpindi, Pakistan
Combined Fabrics Limited Management Trainee Officer (April 2017 to December 2017). Unit Allocation: Allocated to Yarn dyeing unit of the factory. Responsibilities <ul style="list-style-type: none">To plan the batches of yarn for dyeing.To supervise the batch process in order to ensure the smooth operation and quality of batch.	Lahore, Pakistan
Glass and Ceramic Research Centre, PCSIR Intern (August 2015 to September 2015). Work: Estimation of Lead leach out from glass frit under various pH conditions.	Lahore, Pakistan

Research projects

Production of Syngas from 240 TPD coal using Shell Coal Gasification Technology. Final Year Project (January 2016 to December 2016) <ul style="list-style-type: none">Developed the process flow and designed the project for optimum conditions.	Lahore, Pakistan
Deodorization of Kerosene oil. Semester project (August 2015 to December 2015) <ul style="list-style-type: none">Conducted series of experiments under various temperature conditions and various concentration conditions at constant temperature to study the effects of deodorization.	Lahore, Pakistan

Co-curricular activities

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- Participated in a workshop on “**Emergency Response**” organized by Pak Safety Solutions.
 - Participated in a workshop on “**Hazard Identification & Risk Assessment**” organized by Pak Safety Solutions.

Additional

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- Interpersonal skills:** Motivated, Passionate, Team player, flexible and adaptable.
 - Skills:** Microsoft office (Word, Excel, Power point).
 - Interests:** Cricket, Mobile gadgets and their technology, Cars, Formula 1, Current affairs.