

AHMAD HUSSAIN IQTIDAR

Process Engineer



SKILLS

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|------------------|---------------------|
| Microsoft Office | ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ |
| MS Visio | ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ |
| Aspen Hysys | ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ |
| Aspen Plus | ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ |
| SAP | ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ |
| InstruCalc | ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ |
| SiNET9 | ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ |



PROJECTS

Coal Gasification

August 2018

Fauji Fertilizer Company

Preliminary Study on Integration of an Existing Ammonia-Urea Complex with Coal Gasification in case of no Gas Scenario.

The Idea provided both Business Sustainability as well as Business Diversification for a fertilizer plant.



CONTACT

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Chak No 127GB Jaranwala, Faisalabad



EXPERIENCE

Fauji Fertilizer Company Limited (Sep 2017-Sep 2018)
Management Trainee-T&E at Urea Unit

Outline of Responsibilities

1. Process Evaluations and Optimization
2. Hands on Experience of Plant Modifications.
 - Review of Ammonia pump startup problem and its resolution to improve Npshr
 - Improvement in Control Scheme of Vessel to control its pressure during emergency.
3. Plant startup and shutdown reviews.
4. Technical Monitoring Program.
5. Study of DCS and ESD systems.
6. Study of Process design practices.
7. Conceptualization of Process safety and Hazard analysis.
8. Study of International Codes and Standards.
9. Comprehensive study of Machine and Equipment.
(compressors turbines pumps etc.)
10. Development of PFDs and P&IDs.
11. Concept of Integrated Management System

Pakistan Steel Mill (Jun 2016 – July 2016)
Internee Chemical Engineer: Chemical Department

Husein Sugar Mills limited (Jun 2015 – July 2015)
Internee Chemical Engineer: Chemical Department



EDUCATION

Bachelor of Chemical Engineering 2017
NFC Institute of Engineering & Fertilizer Research, Faisalabad

Graduated from NFC IEFER Faisalabad as a Chemical Engineer securing a CGPA of **3.5** out of **4**.

Final Year Project: Production of Lube Oil by the Re-Refining of Engine Waste Oi Using KTI-Distillation Process.

Intermediate Pre- Engineering 2013
Government Post Graduate Degree College, Jaranwala